

CONSTRUCTION PLANS FOR **ECKERD'S AT MONTANO AND COORS**

UTILITY & PAVING IMPROVEMENTS

CITY OF ALBUQUERQUE
NEW MEXICO
JULY 2003

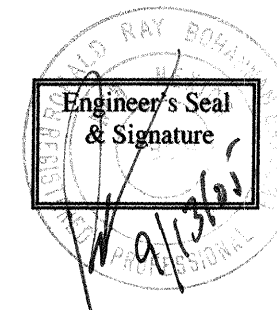
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CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

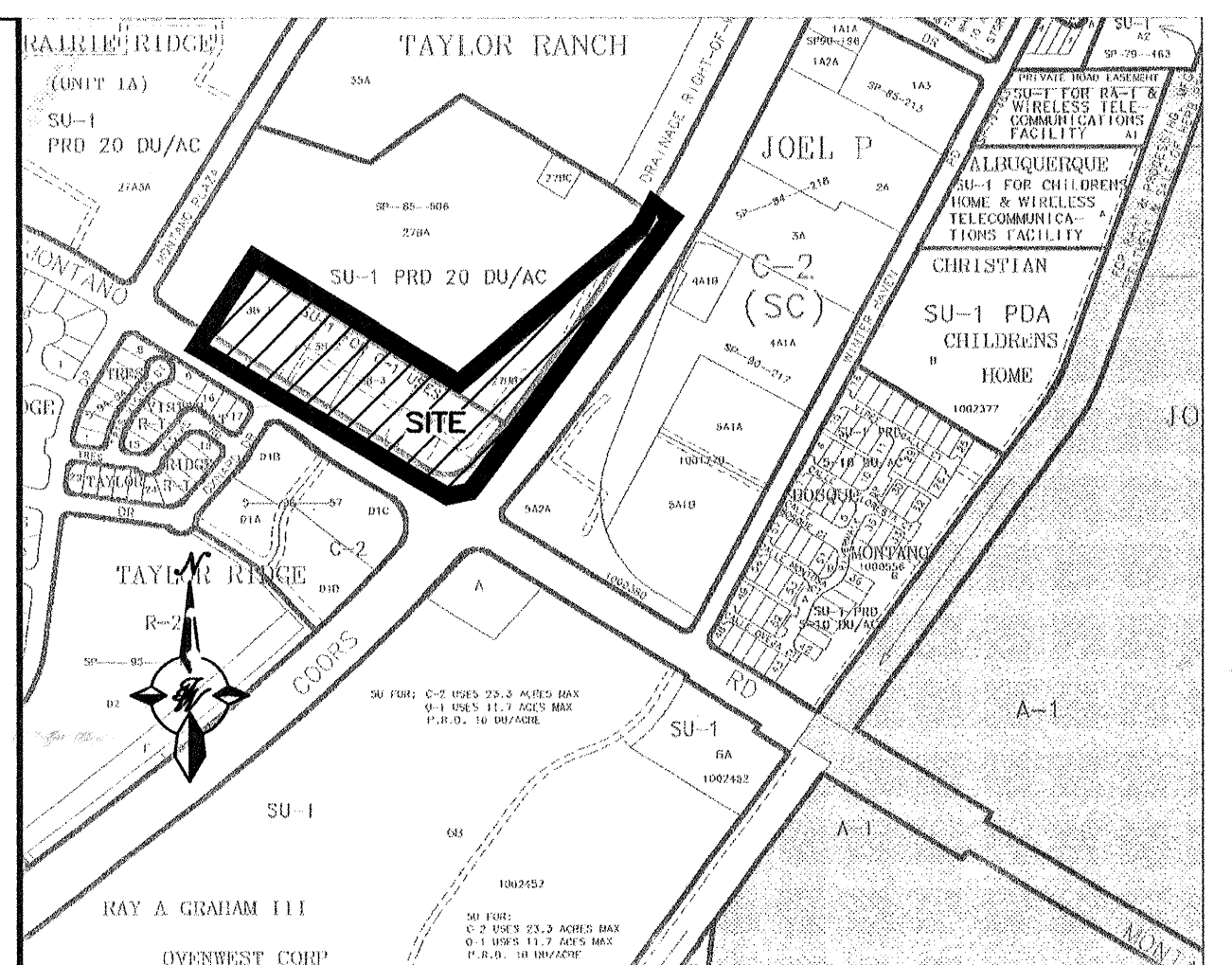
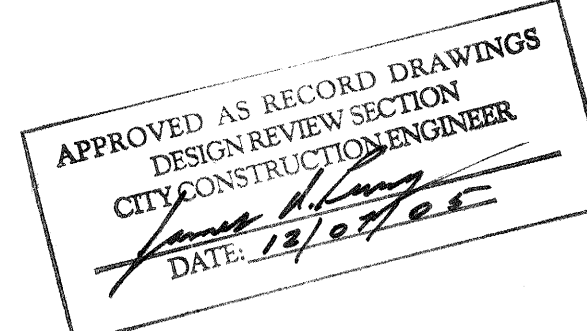
I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by

Joaquin Arguelles Jr. of Arguelles Survey, NMP's number 7478



Tierra West, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

DRB #1000635



VICINITY MAP ZONE ATLAS: E-12-Z

NOTICE TO CONTRACTORS

SCALE NONE

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #6)
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (200-1990) FOR LOCATION OF EXISTING UTILITIES.
3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNER'S EXPENSE.
8. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
9. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

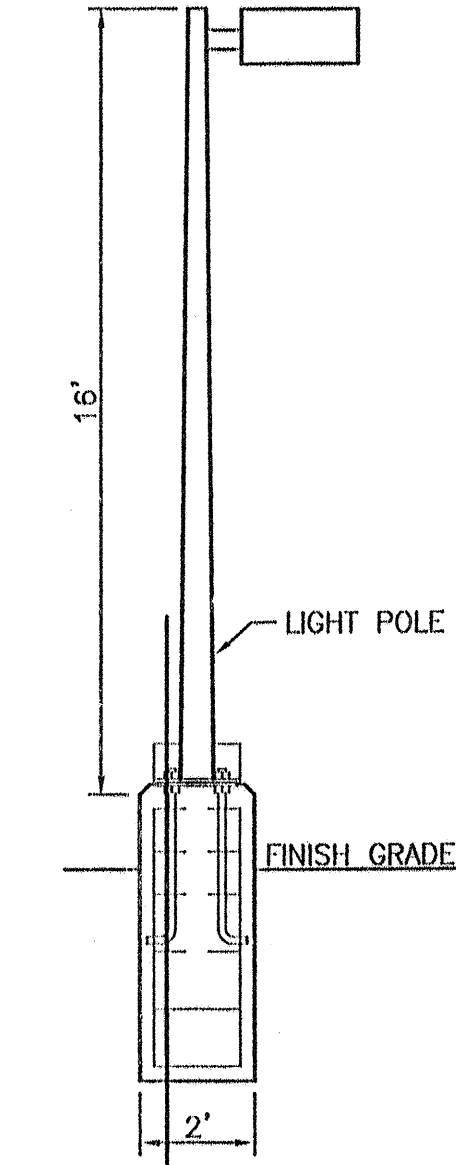
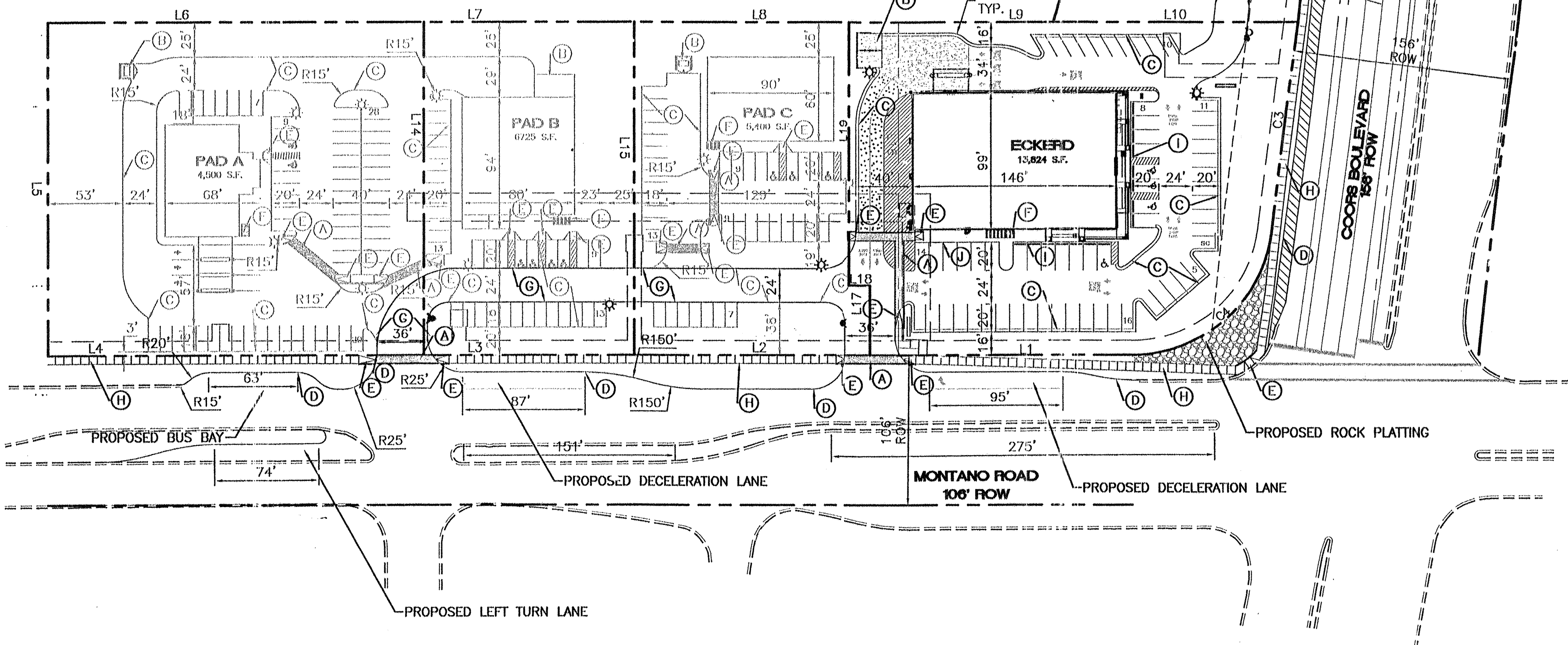
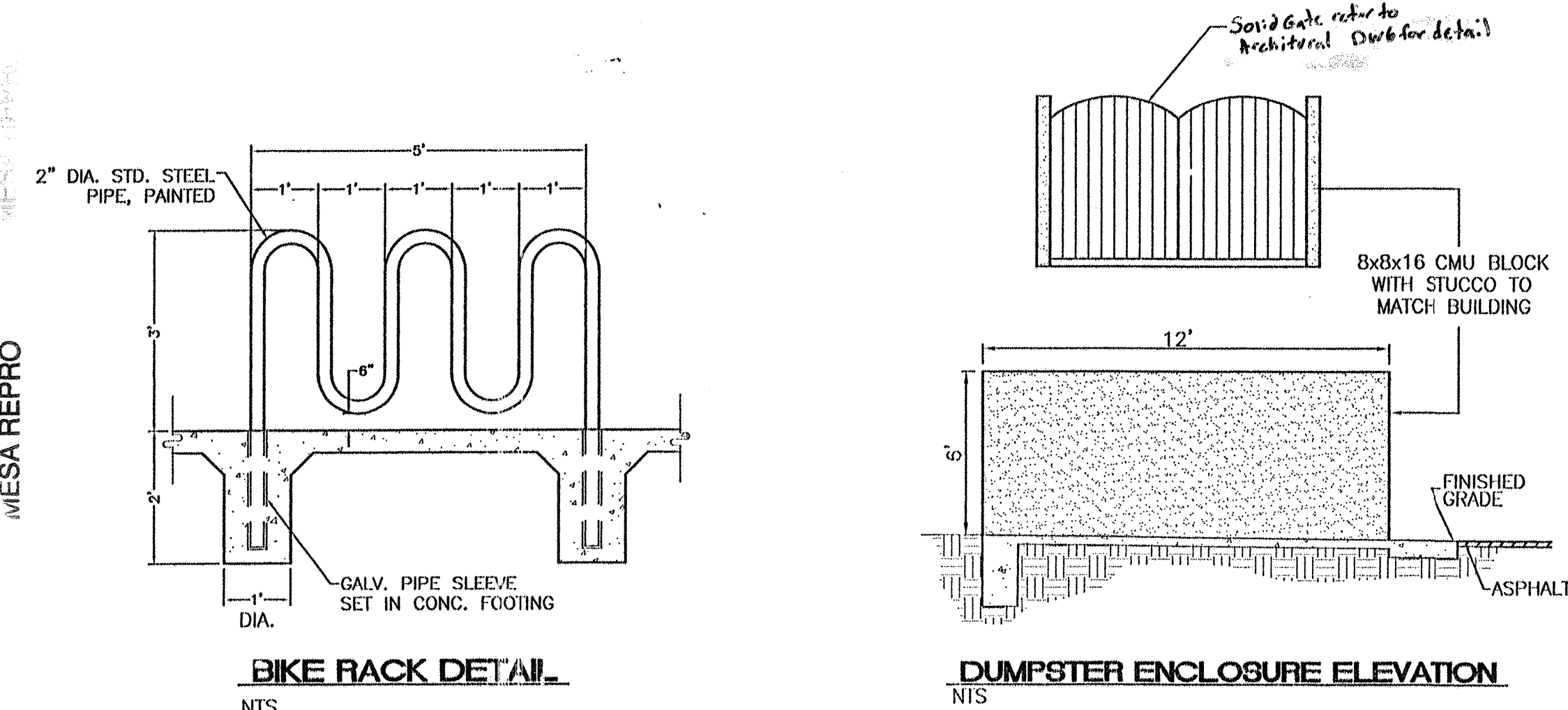
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ 1" CK COAT REQUIREMENTS SHALL BE DETERMINED BY THE PROJECT ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

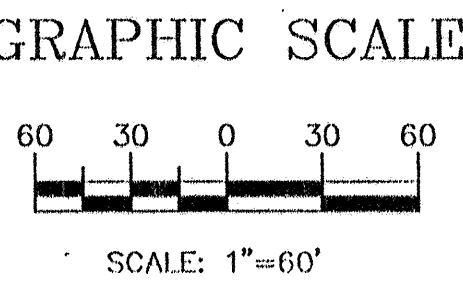
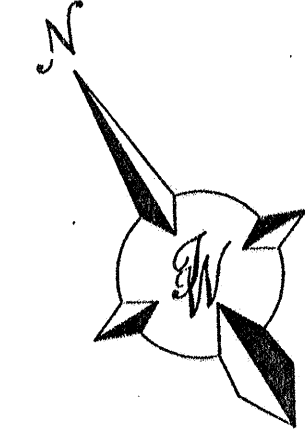
REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRC Chairman		2-20-04			
		Transportation		11/6/03			
		Water/Wastewater		10/14/03			
		Hydrology		11/6/03			
		C.I.P.		2-20-04			
		Constr. Coord.		2-20-04			
						2-23-04	Date
				CITY PROJECT NO.		SHEET	
				5950.82		1 OF 11	

SITE DATA TABLE				
	PAD A	PAD B	PAD C	ECKERD'S
TOTAL ACREAGE:	1.4595 AC	.8179 AC	.8563 AC	1.6101 AC
EXISTING ZONING:	SU-1 FOR C-1 PERMISSIVE AND CONDITIONAL USE & FULL SERVICE LIQUOR WITHIN 500 FEET OF A RESIDENTIAL ZONE			
PROPOSED ZONING:	SU-1 FOR C-1 PERMISSIVE AND CONDITIONAL USE & FULL SERVICE LIQUOR WITHIN 500 FEET OF A RESIDENTIAL ZONE			
BUILDING SIZE:				13,824 SF
FAR:				.21
PROPOSED USE:				RETAIL
TOTAL PARKING PROVIDED:				63 SPACES (1 SMALL CAR)
TOTAL PARKING REQUIRED (INCLUDING EMPLOYEES):				62 SPACES W/10% BUS CREDIT
HC PROVIDED:				4 SPACES
HC REQUIRED:				4 SPACES
BIKE SPACES PROVIDED:				14 SPACES
BIKE SPACES REQUIRED:				14 SPACES
SHOWER SPACES PROVIDED:				0 SHOWER
SHOWER SPACES REQUIRED:				0 SHOWER
LANDSCAPE PROVIDED:				12,231 SF
LANDSCAPE REQUIRED:				8,411 SF
15% OF LOT AREA				

SCANNED BY MESA REPRO



FOR REFERENCE ONLY

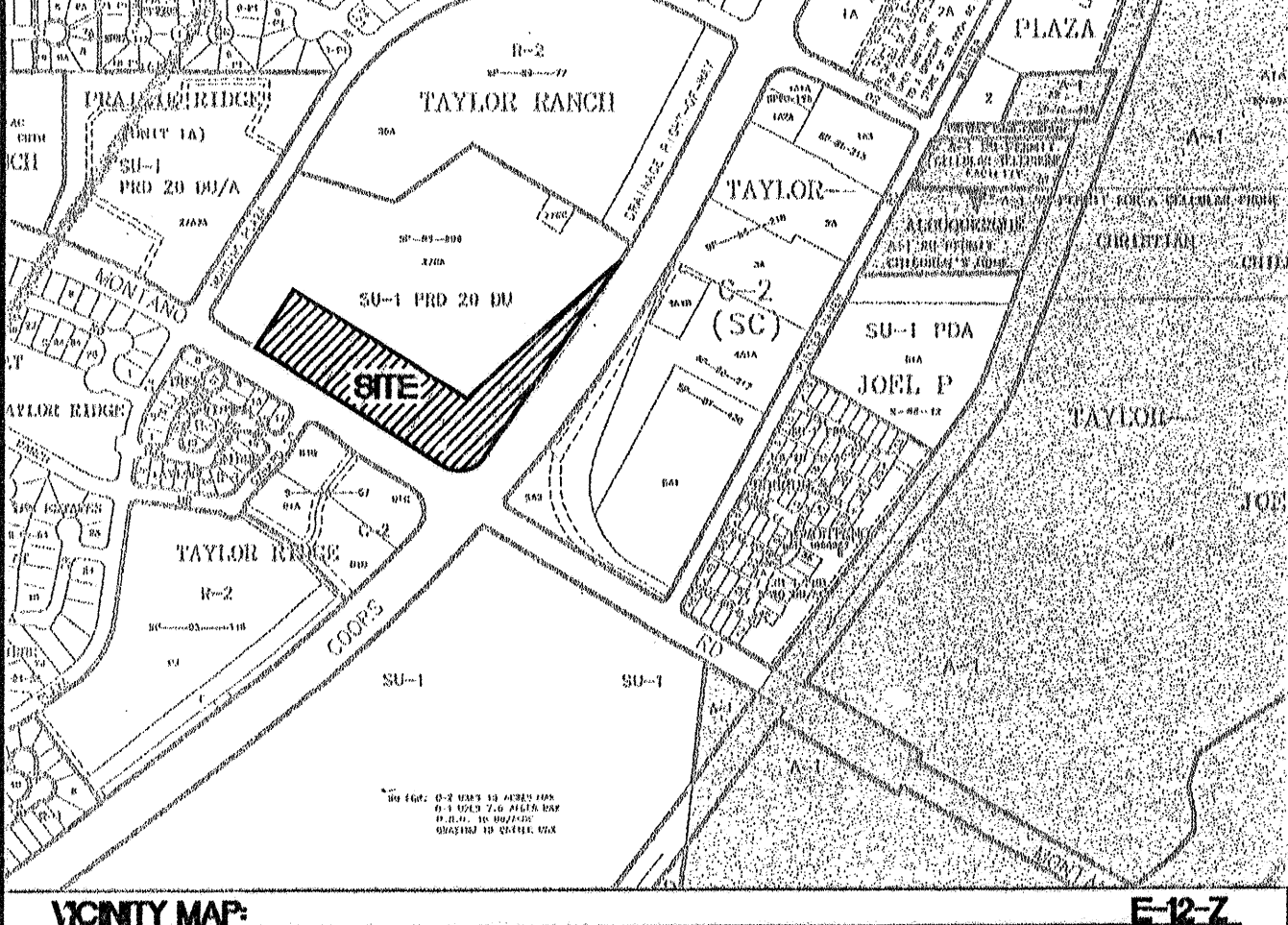


PROJECT NUMBER: 1000635
APPLICATION NUMBER: 03-00450

This plan is consistent with the specific Site Development Plan approval by the Environmental Planning Commission (EPC) dated 5/14/03, and the Findings and Conditions in the Official Notification of Decision are satisfied.

DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:

Traffic Engineer, Transportation Division	Date
Utilities Development	Date
Parks & Recreation Department	Date
City Engineer	Date
Environmental Health Department (conditional)	Date
Solid Waste Management	Date
DRB Chairperson, Planning Department	Date



- KEYED NOTE:**
- (A) 6" PEDESTRIAN ACCESS
 - (B) DUMPSTER (SEE DETAIL THIS SHEET)
 - (C) 6" HEADER CURB PER COA STD DWG #2415 (TYP.)
 - (D) 8" STANDARD CURB AND GUTTER PER COA STD DWG #2415
 - (E) HANDICAP RAMP PER COA STD DWG #2441
 - (F) BIKE RACK (SEE DETAIL THIS SHEET)
 - (G) TEMPORARY ASPHALT CURB PER COA STD DWG #2415
 - (H) 6' SIDEWALK
 - (I) ZERO CURB
 - (J) TURN DOWN SIDEWALK

LINE TABLE		
LINE	LENGTH	BEARING
L1	177.81	S89°59'57"W
L2	179.87	S89°59'57"W
L3	226.63	S89°59'57"W
L4	190.97	S89°59'57"W
L5	237.53	N00°01'19"W
L6	191.07	N89°59'57"E
L7	226.63	N89°59'57"E
L8	178.87	N89°59'57"E
L9	121.27	N89°59'57"E
L10	174.47	S89°59'47"E
L11	635.31	N16°59'02"E
L14	237.53	N00°00'03"W
L15	237.53	N00°00'03"W
L16	237.52	N00°00'00"W
L17	49.52	S00°00'00"W
L18	15.00	N90°00'00"W
L19	188.01	N00°00'00"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA ANGLE	CHORD DIRECTION
C1	160.64	500.00	18°24'29"	N07°46'47"E
C2	767.38	5651.58	7°46'47"	N02°26'55"E
C3	152.42	5651.58	1°32'43"	S07°06'40"W
C4	143.32	100.00	82°06'56"	N48°56'29"E

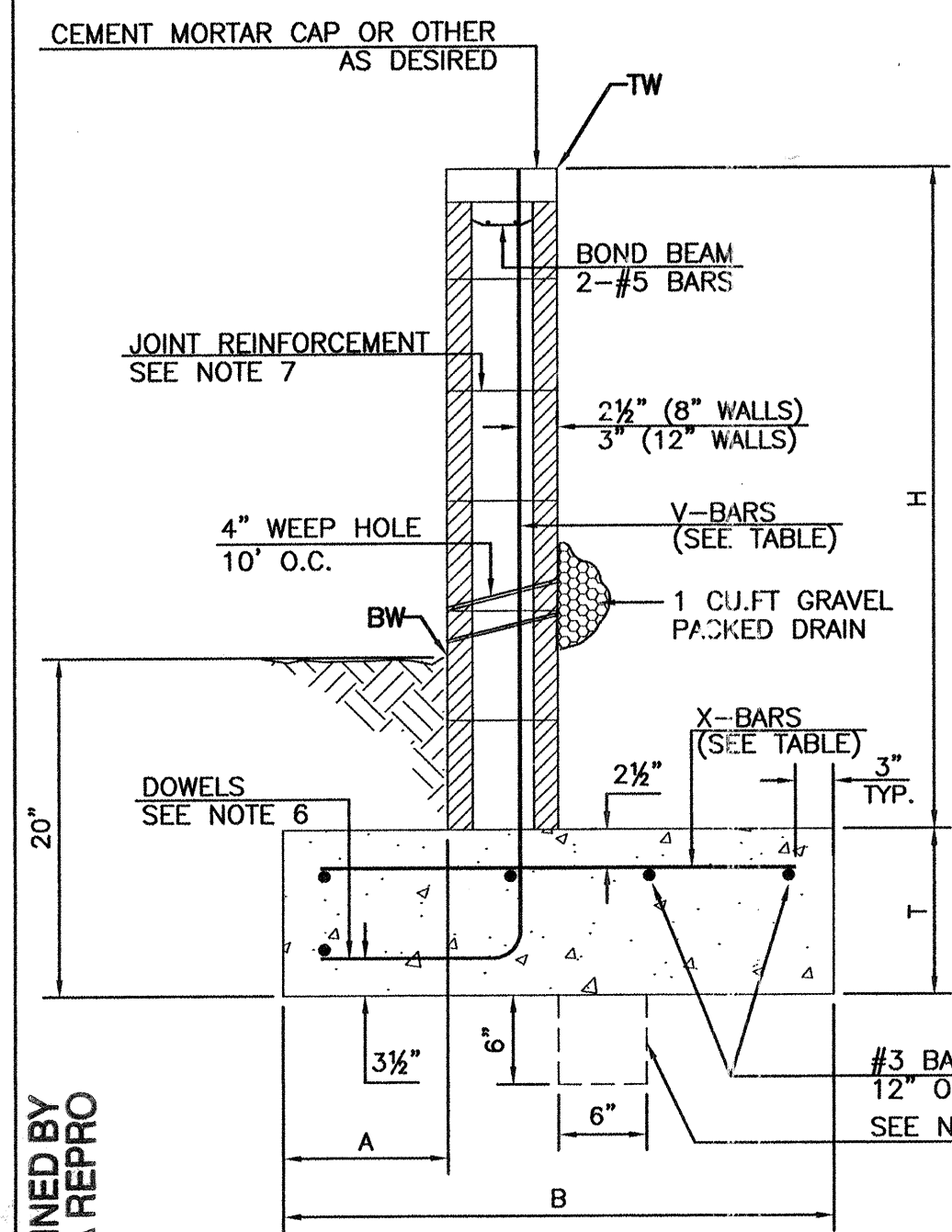
- LEGAL DESCRIPTION:**
TRACTS 38-1, 38-2, 38-3, 38-4, & 27B-B1
- NOTES:**
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE OR IMPLY EXEMPTION FROM WATER WASTE PROVISIONS OF THE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE. WATER WASTE MANAGEMENT IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER.
 - LANDSCAPE MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNERS.
 - CROSS ACCESS & DRAINAGE EASEMENTS FOR ALL PARCELS WILL BE GRANTED WITH THE SITE PLAN AND BY DOCUMENT.
 - ALL WHEELCHAIR RAMPS SHALL BE BUILT PER COA STD DWG. #2441.
 - ALL ROOF TOP MOUNTED MECHANICAL EQUIPMENT SHALL BE SCREENED BY SCREEN WALLS OF A COLOR TO MATCH THE BUILDING, AND THAT ARE AS HIGH OR HIGHER THAN THE EQUIPMENT, UNLESS ALREADY SCREENED BY PARAPET.
 - NO OFF PREMISE OR POLE MOUNTED SIGNAGE SHALL BE ALLOWED.
 - ALL WIRELESS TELECOMMUNICATION FACILITIES SHALL BE CONCEALED AND ARCHITECTURALLY INTEGRATED WITH THE SITE AND SURROUNDING AREA.
 - VINYL COATED, PLASTIC REFLECTIVE TYPE AWNINGS, FASCIA, BUILDING PANELS, SIGN RACEWAYS OR ROOFS SHALL NOT BE PERMITTED.
 - ALL METAL ROOFING SHALL BE CONSISTENT ON ALL BUILDINGS AND CANOPIES AND SHALL BE A GALVALUME FINISH.
 - THE HEIGHT OF FIXTURES SHALL BE LIMITED TO A MAXIMUM OF 16' TALL WITHIN 150' OF A RESIDENTIAL AREA. ALL LIGHTING SHALL BE OF A FULL CUT OFF TYPE TO PREVENT FUGITIVE LIGHT.
 - PILASTERS SHALL PROJECT AT LEAST 8" FROM FACADE.
 - EMPLOYEE LOCKERS AND SHOWERS FOR BICYCLE COMMUTERS SHALL BE PROVIDED PER ZONING CODE REQUIREMENTS. (Not required for Eckerd's)
- LEGEND**
- EXISTING CURB & GUTTER
 - PROPOSED CURB & GUTTER
 - FUTURE
 - TEMPORARY ASPHALT CURB
 - BUILDING
 - FUTURE PAD
 - BOUNDARY LINE
 - EXISTING BOUNDARY LINE
 - EASEMENT
 - PROPOSED SIDEWALK
 - EXISTING STRIPING
 - PROPOSED STRIPING
 - CENTERLINE
 - LANDSCAPE SETBACK LINE
 - LIGHT POLE
 - PROPOSED FIRE HYDRANT
 - PROPOSED CONCRETE

SHEET INDEX:

- AMENDED SITE PLAN FOR SUBDIVISION
- AMENDED SITE PLAN FOR BUILDING PERMIT
- AMENDED LANDSCAPE PLAN
- AMENDED GRADING AND DRAINAGE PLAN
- AMENDED GRADING AND DRAINAGE PLAN
- AMENDED GRADING AND DRAINAGE DETAILS
- AMENDED MASTER UTILITY PLAN
- AMENDED ELEVATIONS
- AMENDED ELEVATIONS
- AA APPROVED SITE PLAN FOR BUILDING PERMIT
- AA APPROVED LANDSCAPE PLAN
- ORIGINAL APPROVED SITE PLAN FOR SUBDIVISION
- ORIGINAL APPROVED SITE PLAN FOR BUILDING PERMIT
- ORIGINAL APPROVED LANDSCAPE PLAN
- ORIGINAL APPROVED ELEVATIONS

ENGINEER'S SEAL	ECKERD DRUG PLAZA	DRAWN BY WCH/J
	AMENDED SITE PLAN FOR BUILDING PERMIT	DATE: 5-28-03
	TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	2305SPBP_AA.DWG
		SHEET #
		2B OF 11
		JOB # 230005

595282



RETAINING WALL DETAIL
NOT TO SCALE

8 INCH REINFORCED CONCRETE MASONRY WALL

H	A	B	T	V-BARS	X-BARS
ft.-in.	in.	ft.-in.	in.		
3'-4"	8"	2'-4"	9"	#3 @32" O.C.	#3 @27" O.C.
4'-0"	10"	2'-9"	9"	#4 @32" O.C.	#3 @27" O.C.
4'-8"	12"	3'-4"	10"	#5 @32" O.C.	#3 @27" O.C.
5'-4"	14"	3'-8"	10"	#4 @16" O.C.	#4 @30" O.C.
6'-0"	16"	4'-2"	12"	#6 @24" O.C.	#4 @25" O.C.

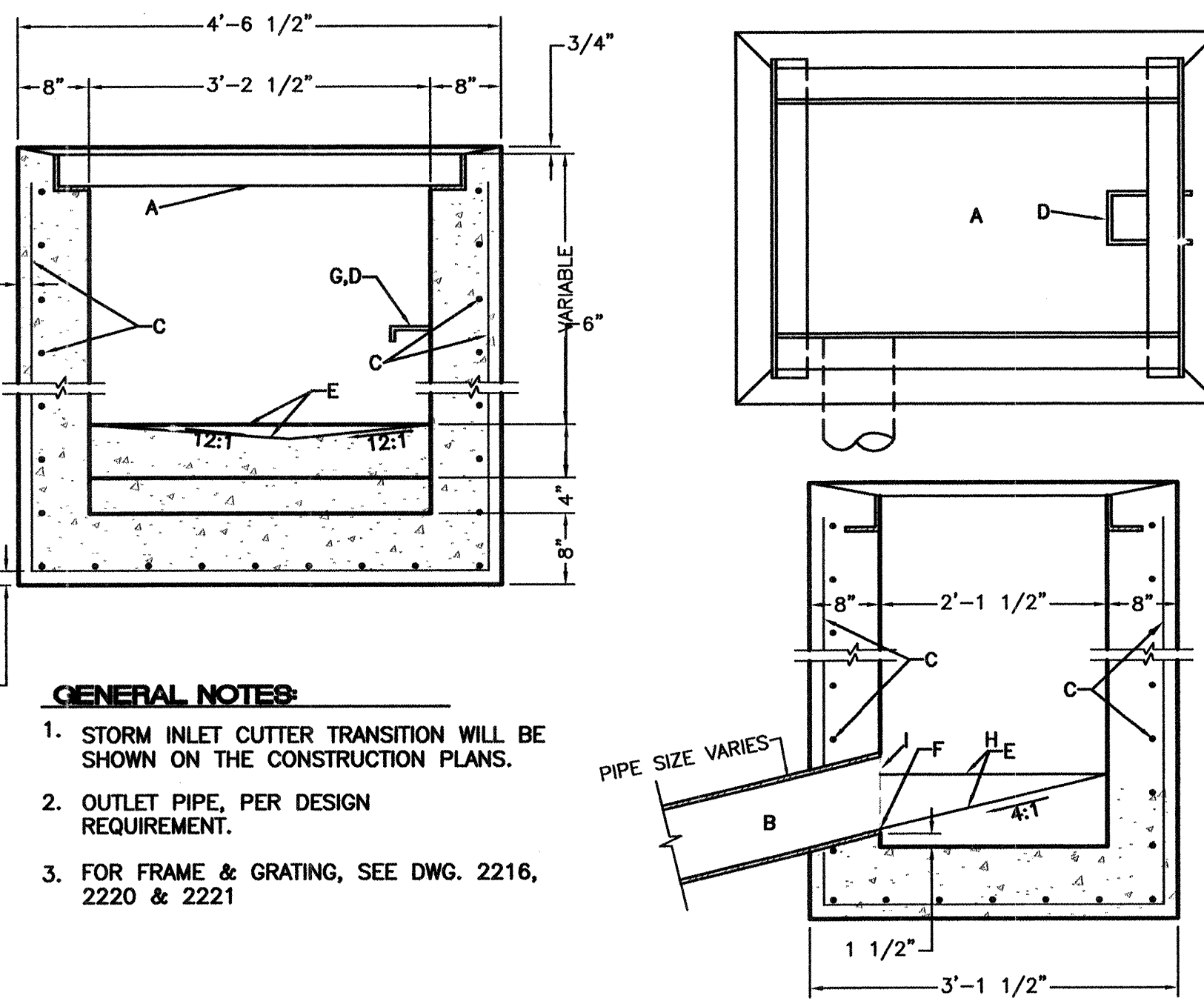
12 INCH REINFORCED CONCRETE MASONRY WALL

H	A	B	T	V-BARS	X-BARS
ft.-in.	in.	ft.-in.	in.		
5'-4"	14"	3'-8"	10"	#4 @24" O.C.	#3 @25" O.C.
6'-0"	15"	4'-2"	12"	#4 @16" O.C.	#4 @30" O.C.
6'-8"	16"	4'-6"	12"	#6 @24" O.C.	#4 @22" O.C.
7'-4"	18"	4'-10"	12"	#5 @16" O.C.	#5 @26" O.C.
8'-0"	20"	5'-4"	12"	#7 @24" O.C.	#5 @21" O.C.

- GENERAL NOTES:**
- ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
 - MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM D 1557 FOR A DEPTH OF 12" W/ MOISTURE CONTENT IS TO BE $\pm 2.0\%$.
 - BACKFILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
 - ALL BARS ARE TO BE GRADE 60, ASTM 615.
 - TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
 - DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO V-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
 - JOINT REINFORCEMENT CONSISTING OF 9GA. LONGITUDINAL WIRE AND 3/16" CROSS RODS SHALL BE PROVIDED AT 8" CENTERS VERTICALLY.
 - PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0".
 - USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.

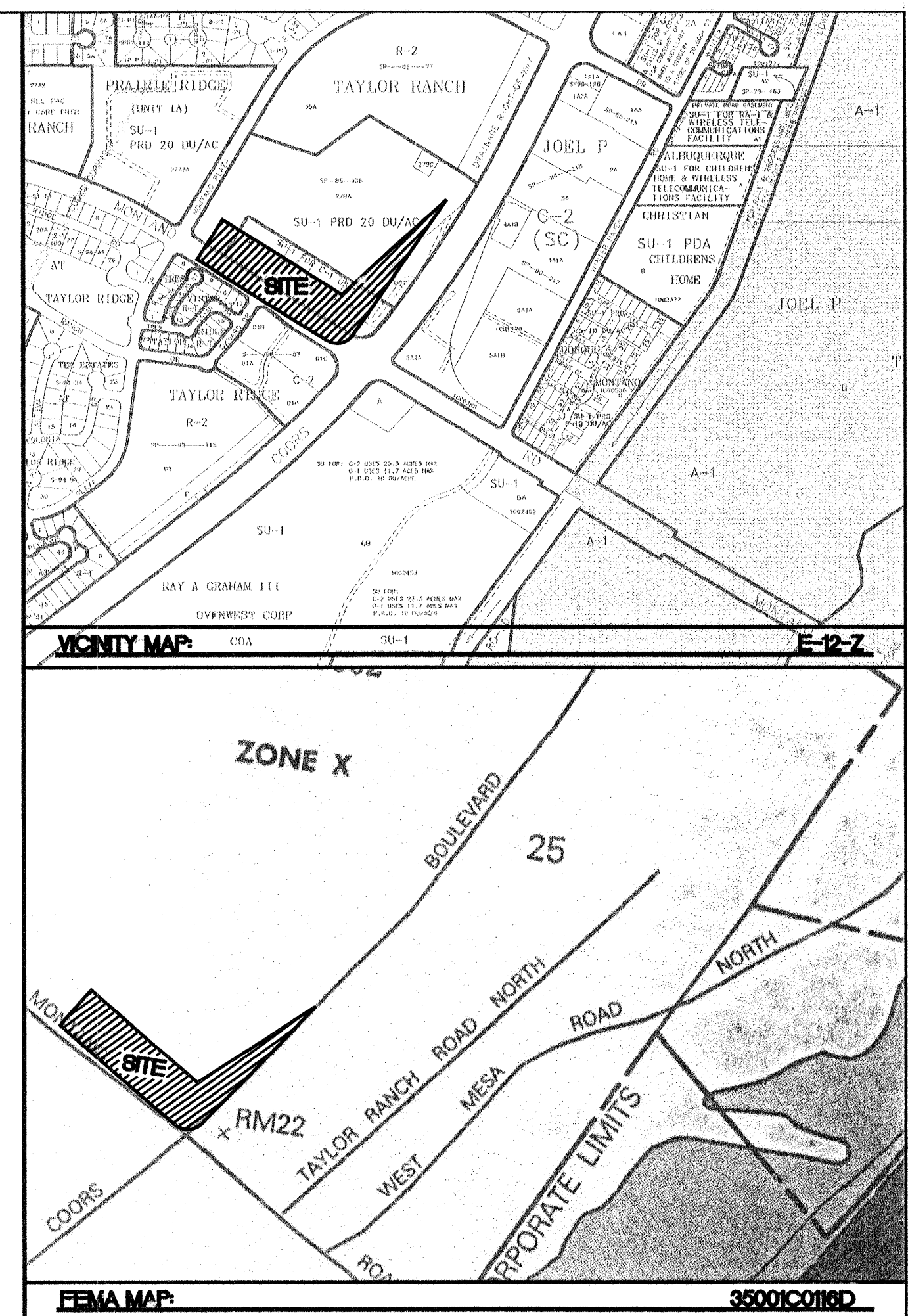
CONSTRUCTION NOTES:

- FRAME & GRATE
- CUT ONE HORIZONTAL AND ONE VERTICAL BAR MAX. AT PIPE OPENING.
- NO. 4 BARS @ 6" O.C. EACH WAY
- USE STANDARD STEPS, SEE DWG. 2229.
- CONC. FILL, SEE NOTE C DWG. 2201
- INVERT PER DESIGN
- INSTALL STEPS ON DOWNSTREAM FACE
- CENTER SUPPORT ASSEMBLY
- ORIFACE PLATE PER DESIGN



- GENERAL NOTES:**
- STORM INLET CUTTER TRANSITION WILL BE SHOWN ON THE CONSTRUCTION PLANS.
 - OUTLET PIPE, PER DESIGN REQUIREMENT.
 - FOR FRAME & GRATING, SEE DWG. 2216, 2220 & 2221

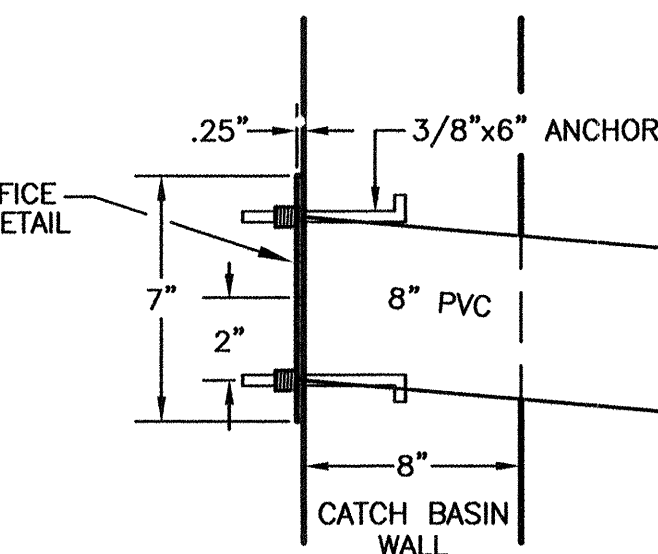
D-INLET DETAILS
NTS



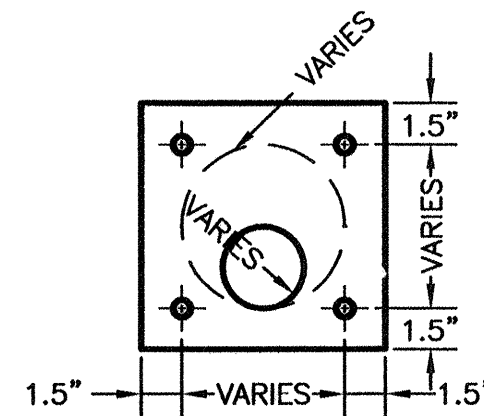
- NOTES:**
- ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
 - ALL SEGMENTAL WALLS WILL BE DESIGNED BY STRUCTURAL ENGINEER.

LEGEND

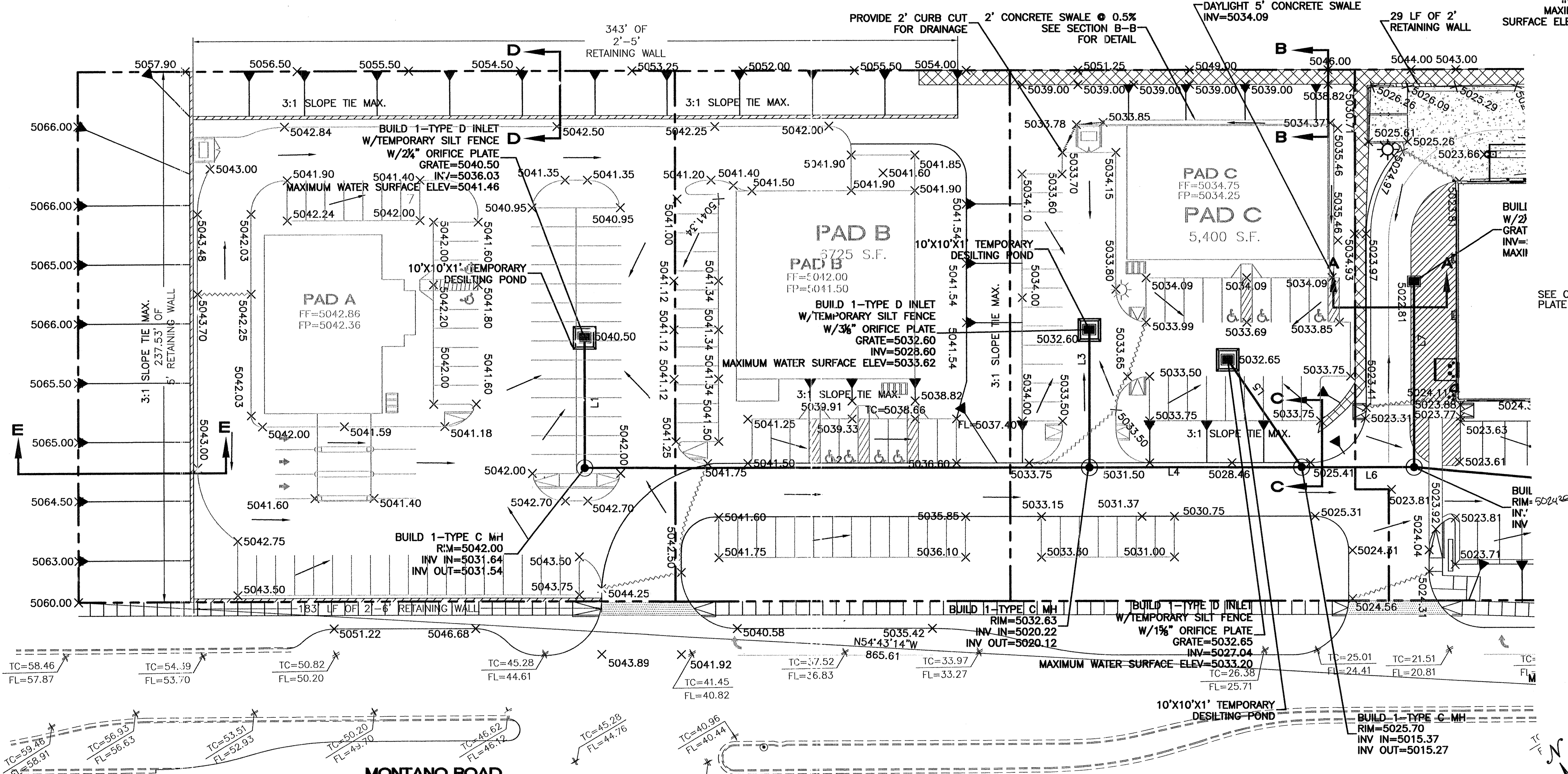
- EXISTING STORM SEWER MANHOLE
- EXISTING STORM SEWER LINE
- PROPOSED STORM SEWER MANHOLE
- PROPOSED SNGL. "D" INLET
- PROPOSED STORM SEWER LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB
- FUTURE CURB
- BOUNDARY LINE
- PROPOSED SEGMENTAL WALL
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- FLOW ARROW
- SLOPE TIE
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- FLOWLINE
- GRADE BREAK
- CENTERLINE
- RIGHT-OF-WAY
- TEMPORARY DESILTING POND



DETAIL A
TO BE INSTALLED @ THE OUTFLOW OF THE CATCH BASINS (SEE THIS PLAN FOR ORIFICE PLATE SIZES)



TYP. ORIFICE PLATE DETAIL
N.T.S.

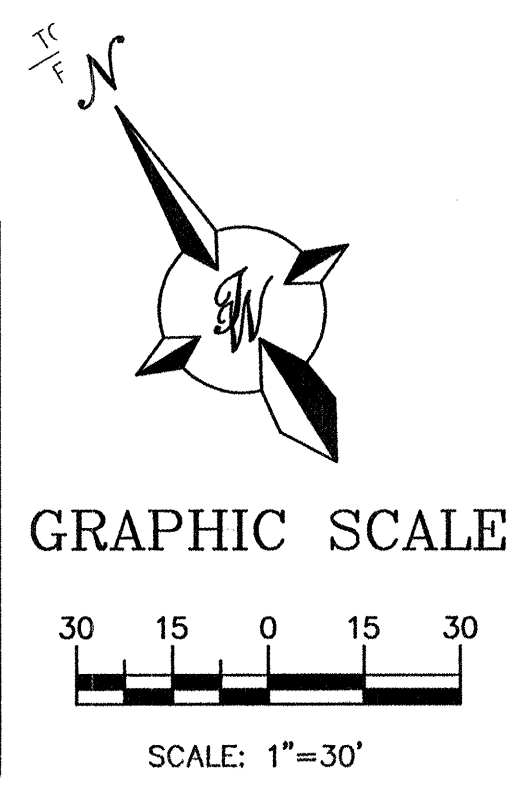


EROSION CONTROL NOTES

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

STORM DRAIN LINE TABLE

LINE	LENGTH	BEARING	SLOPE	PIPE SIZE
L1	58.56	N32°00'00"E	7.50%	8" PVC
L2	226.39	S58°00'00"E	5.00%	8" PVC
L3	61.76	S32°00'00"W	13.57%	8" PVC
L4	95.00	S58°00'00"E	5.00%	8" PVC
L5	58.65	S2°21'27"E	19.90%	8" PVC
L6	50.38	S58°00'00"E	1.00%	12" PVC #6
L7	83.26	S32°00'00"W	1.29%	8" PVC
L8	112.83	S52°54'55"E	1.00%	12" PVC #8
L9	90.08	S58°00'00"E	1.01%	12" PVC #4
L11	146.40	S38°02'57"W	1.00%	8" PVC
L12	72.35	S52°00'09"W	3.93%	8" PVC
L13	73.61	S15°38'24"W	15.13%	18" CLASS IV RCP



ROUGH GRADING APPROVAL

DATE: _____

ENGINEER'S SEAL:

ECKERD DRUG PLAZA

GRADING AND DRAINAGE PLAN

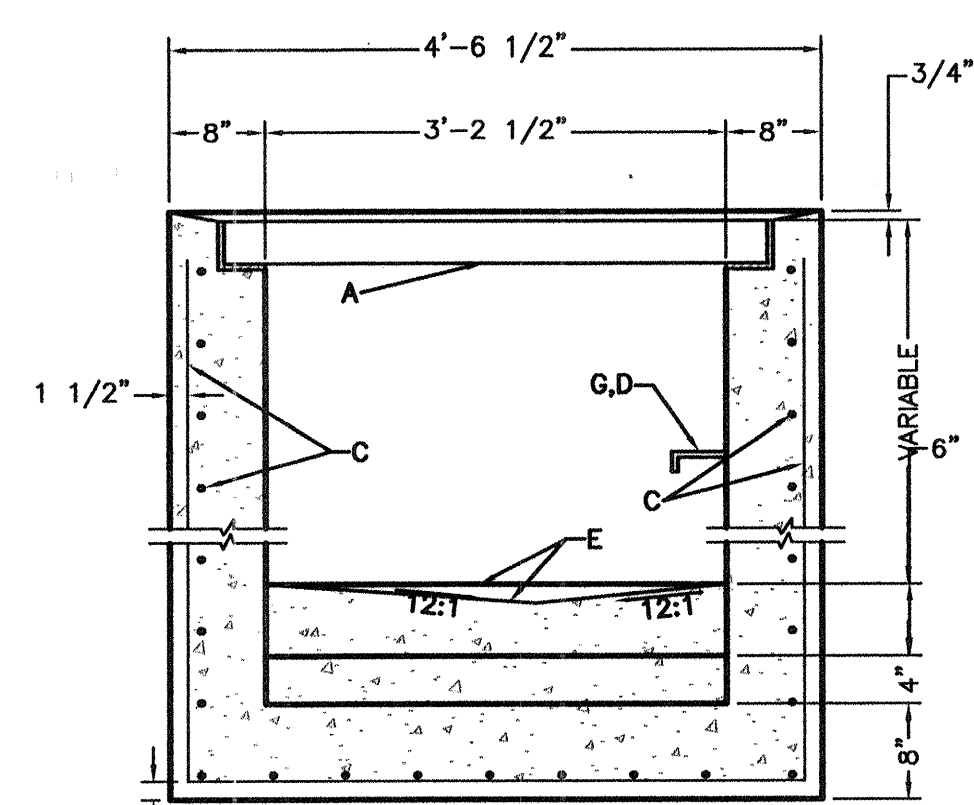
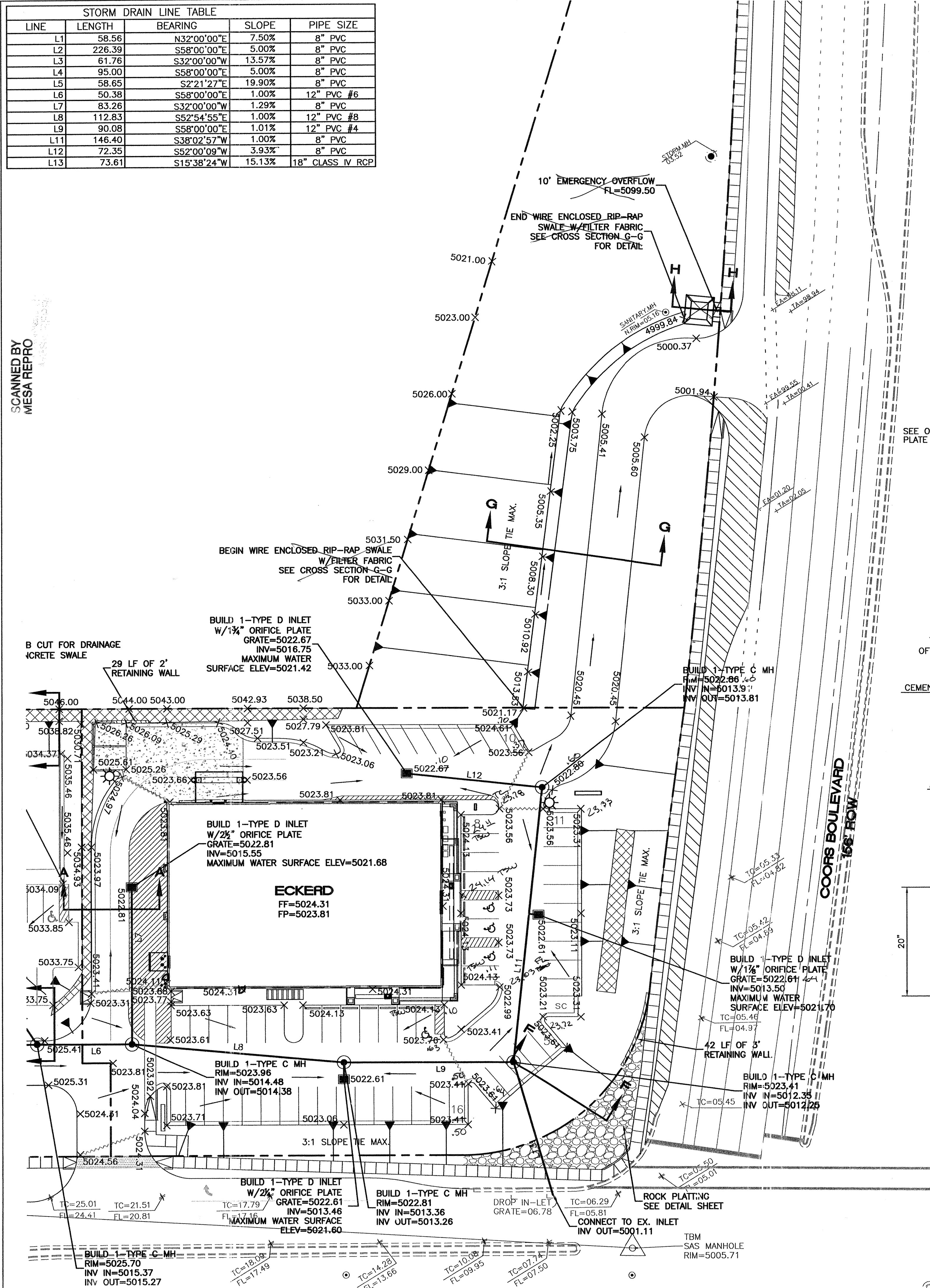
TERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

DRAWN BY: WCVJ
DATE: 5-28-03
2305GR3.DWG
SHEET # **3 OF 11**
JOB # 230005

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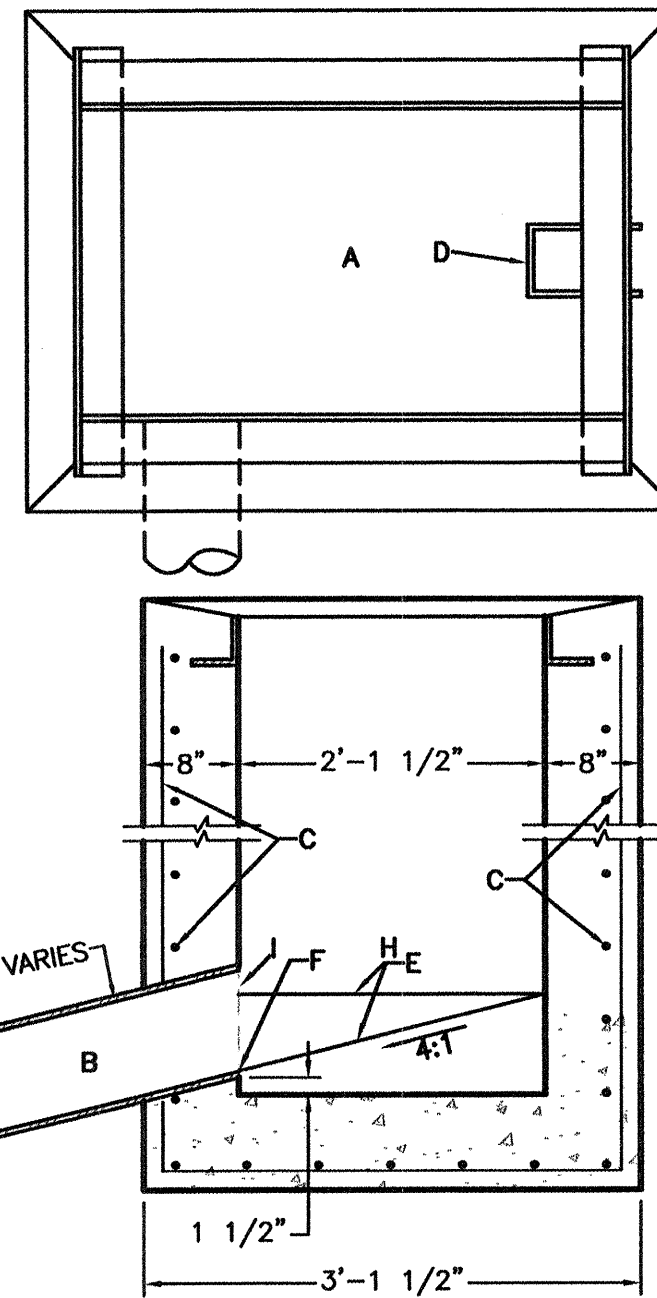
STORM DRAIN LINE TABLE				
LINE	LENGTH	BEARING	SLOPE	PIPE SIZE
L1	58.56	N32°00'00"E	7.50%	8" PVC
L2	226.39	S58°00'00"E	5.00%	8" PVC
L3	61.76	S32°00'00"W	13.57%	8" PVC
L4	95.00	S58°00'00"E	5.00%	8" PVC
L5	58.65	S2°21'27"E	19.90%	8" PVC
L6	50.38	S58°00'00"E	1.00%	12" PVC #6
L7	83.26	S32°00'00"W	1.29%	8" PVC
L8	112.83	S52°54'55"E	1.00%	12" PVC #8
L9	90.08	S58°00'00"E	1.01%	12" PVC #4
L11	146.40	S38°02'57"W	1.00%	8" PVC
L12	72.35	S52°00'09"W	3.93%	8" PVC
L13	73.61	S15°38'24"W	15.13%	18" CLASS IV RCP

SCANNED BY
MESA REPRO



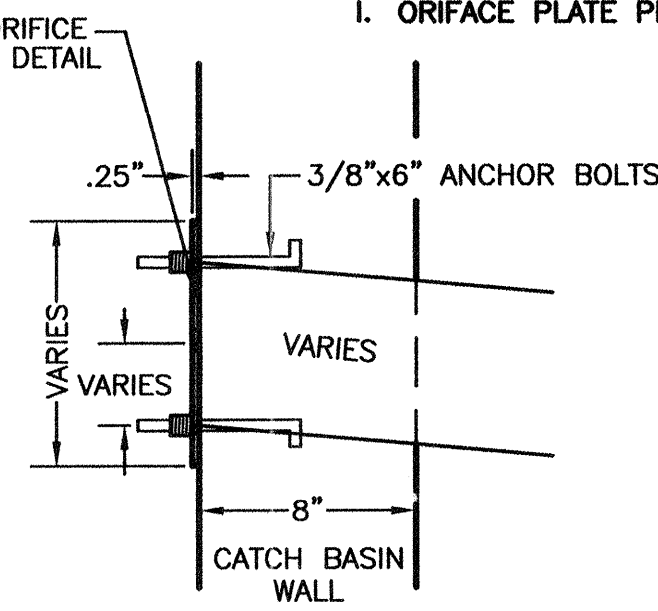
CONSTRUCTION NOTES

- FRAME & GRATE
- CUT ONE HORIZONTAL AND ONE VERTICAL PIPE BAR MAX. AT PIPE OPENING.
- NO. 4 BARS @ 6" O.C. EACH WAY
- USE STANDARD STEPS, SEE DWG. 2229.
- CONC. FILL, SEE NOTE C DWG. 2201
- INVERT PER DESIGN
- INSTALL STEPS ON DOWNSTREAM FACE
- CENTER SUPPORT ASSEMBLY
- ORIFACE PLATE PER DESIGN



GENERAL NOTES

- STORM INLET CUTTER TRANSITION WILL BE SHOWN ON THE CONSTRUCTION PLANS.
- OUTLET PIPE, PER DESIGN REQUIREMENT.
- FOR FRAME & GRATING, SEE DWG. 2216, 2220 & 2221

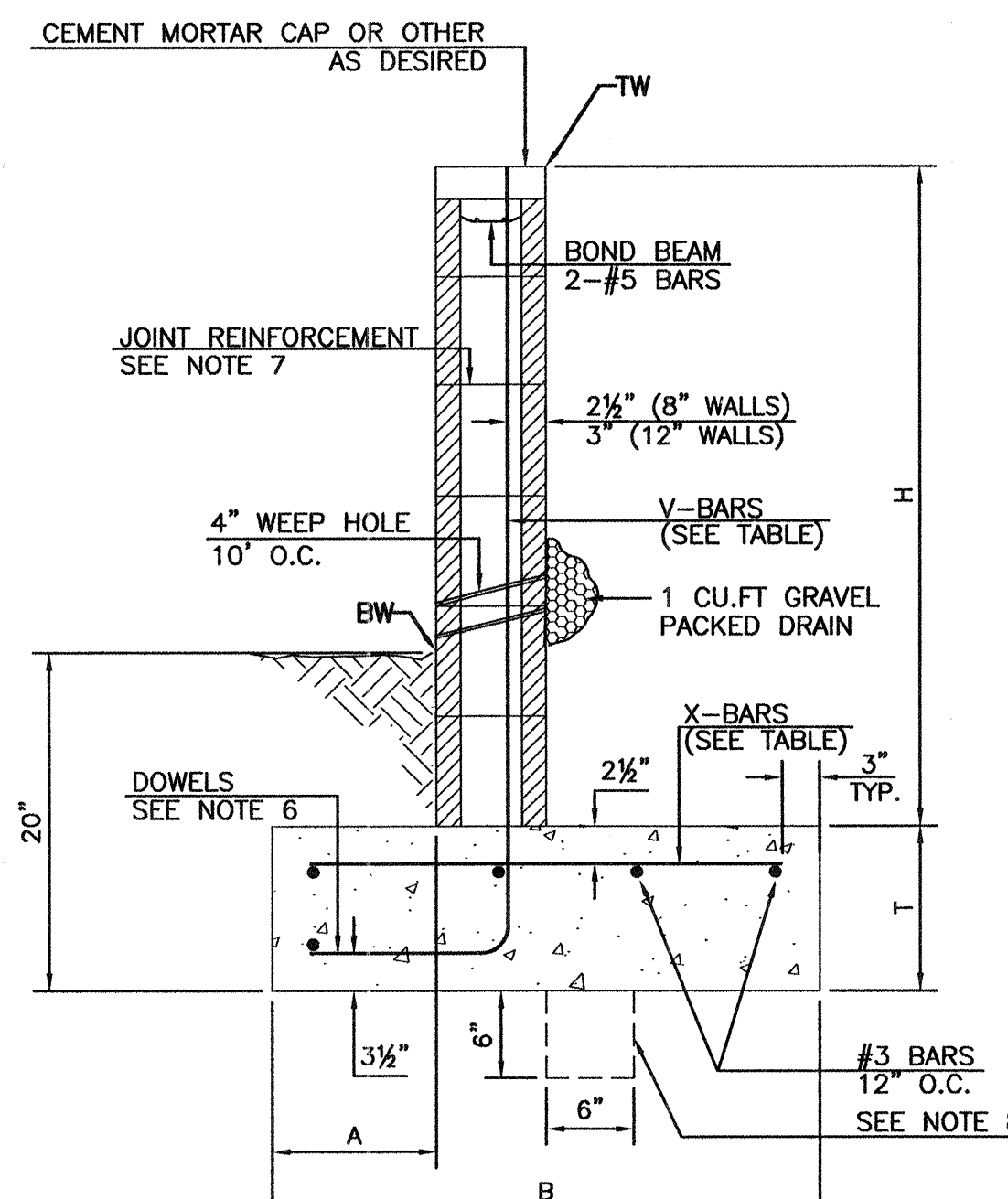


D-INLET DETAILS

NTS

DETAIL A

TO BE INSTALLED @ THE OUTFLOW OF THE CATCH BASINS (SEE THIS PLAN FOR ORIFICE PLATE SIZES)

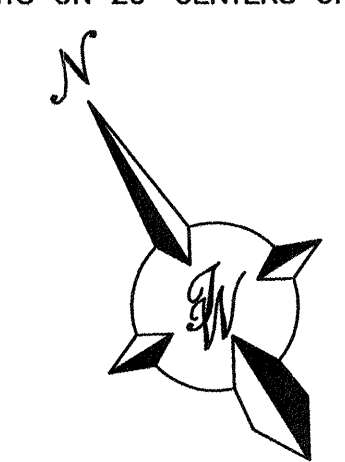


RETAINING WALL DETAIL

NOT TO SCALE

EROSION CONTROL NOTES

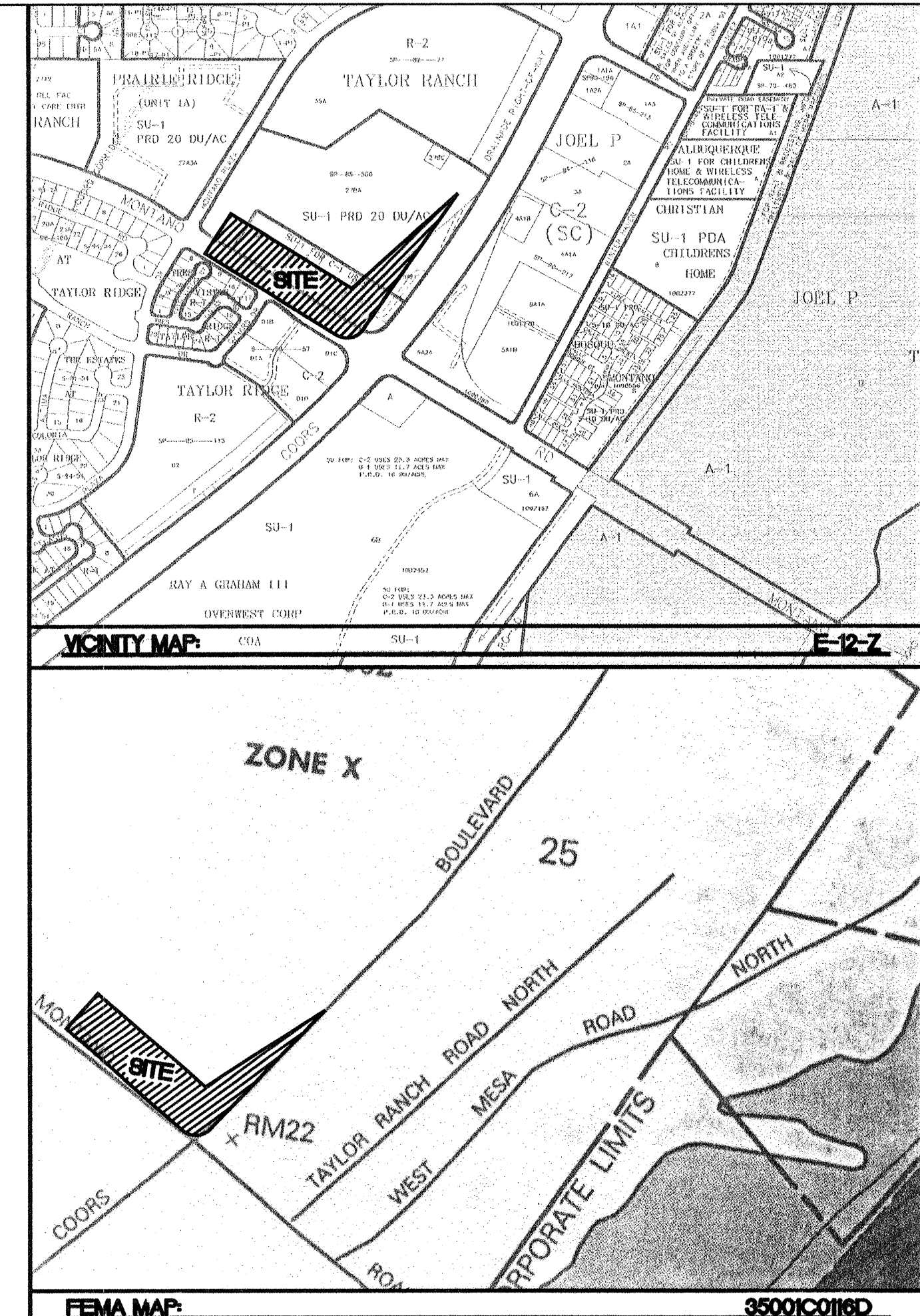
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.



GRAPHIC SCALE



SCALE: 1"=30'



NOTES:
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL SEGMENTAL WALLS WILL BE DESIGNED BY STRUCTURAL ENGINEER.

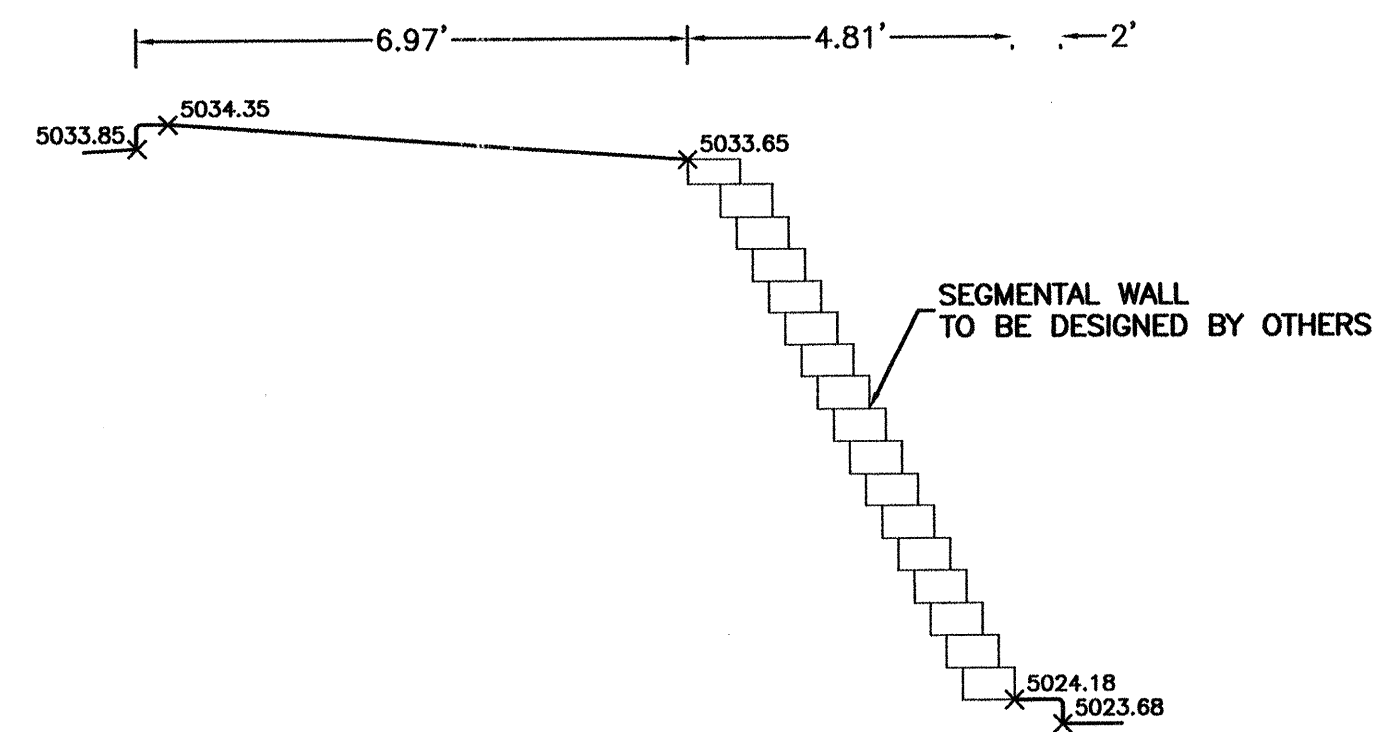
LEGEND

- EX. 24" RCP
- EXISTING STORM SEWER LINE
- PROPOSED STORM SEWER MANHOLE
- PROPOSED SNGL. "D" INLET
- 18" RCP
- PROPOSED STORM SEWER LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB
- FUTURE CURB
- BOUNDARY LINE
- PROPOSED SEGMENTAL WALL
- MAXIMUM WATER SERVICE ELEVATION
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- FLOW ARROW
- SLOPE TIE
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- FLOWLINE
- GRADE BREAK
- CENTERLINE
- RIGHT-OF-WAY
- TEMPORARY DESILTING POND
- *-FOR REFERENCE ONLY

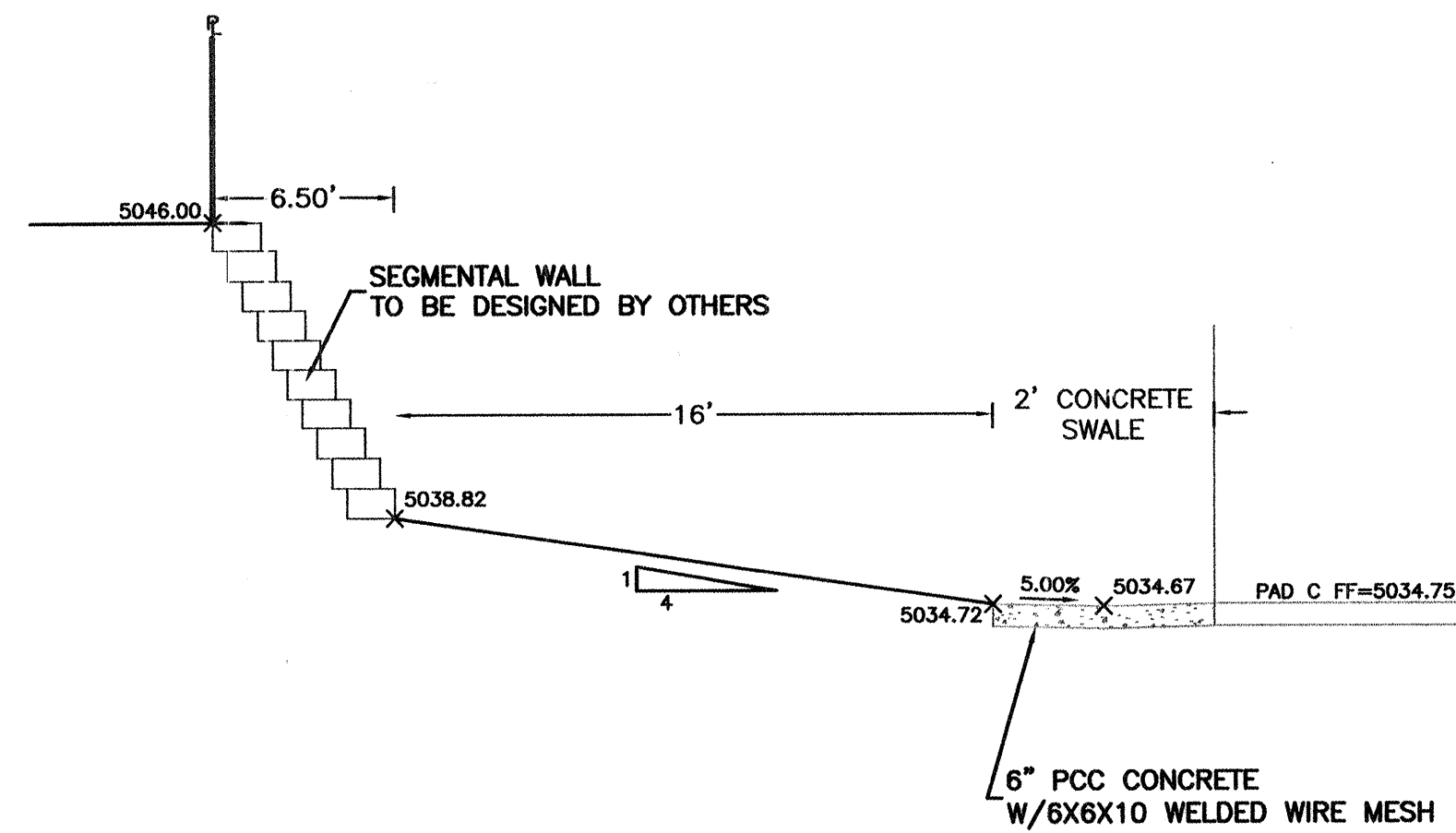
ROUGH GRADING APPROVAL		DATE
ENGINEER'S SEAL	ECKERD DRUG PLAZA	DRAWN BY WCVJ
	GRADING AND DRAINAGE PLAN	DATE 5-27-03
	TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	2305GR3.DWG
SHEET #		3A OF 11
JOB #		230005

595082

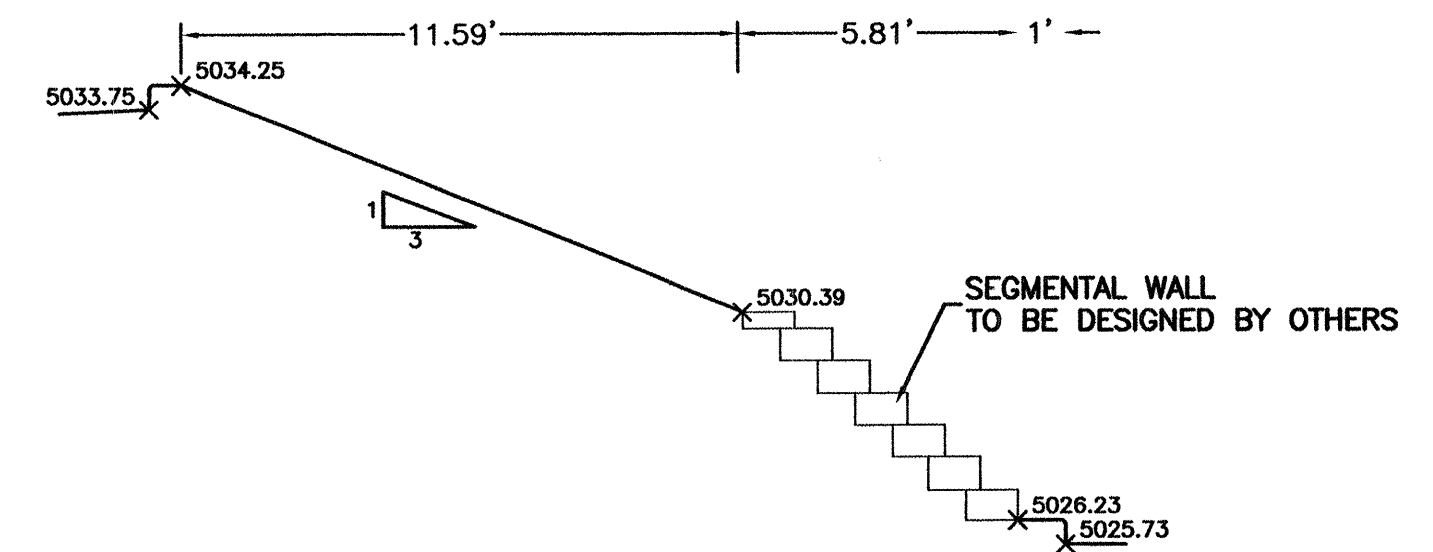
SCANNED BY
MESA REPRO



SECTION A-A
NTS



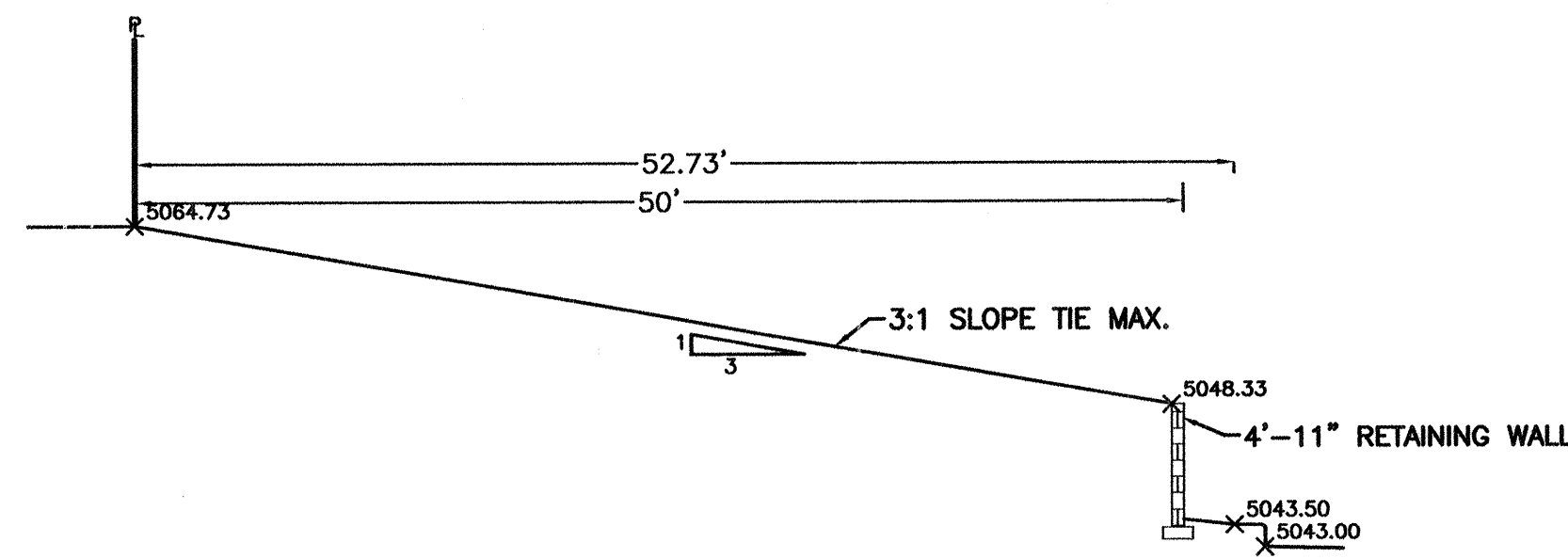
SECTION B-B
NTS



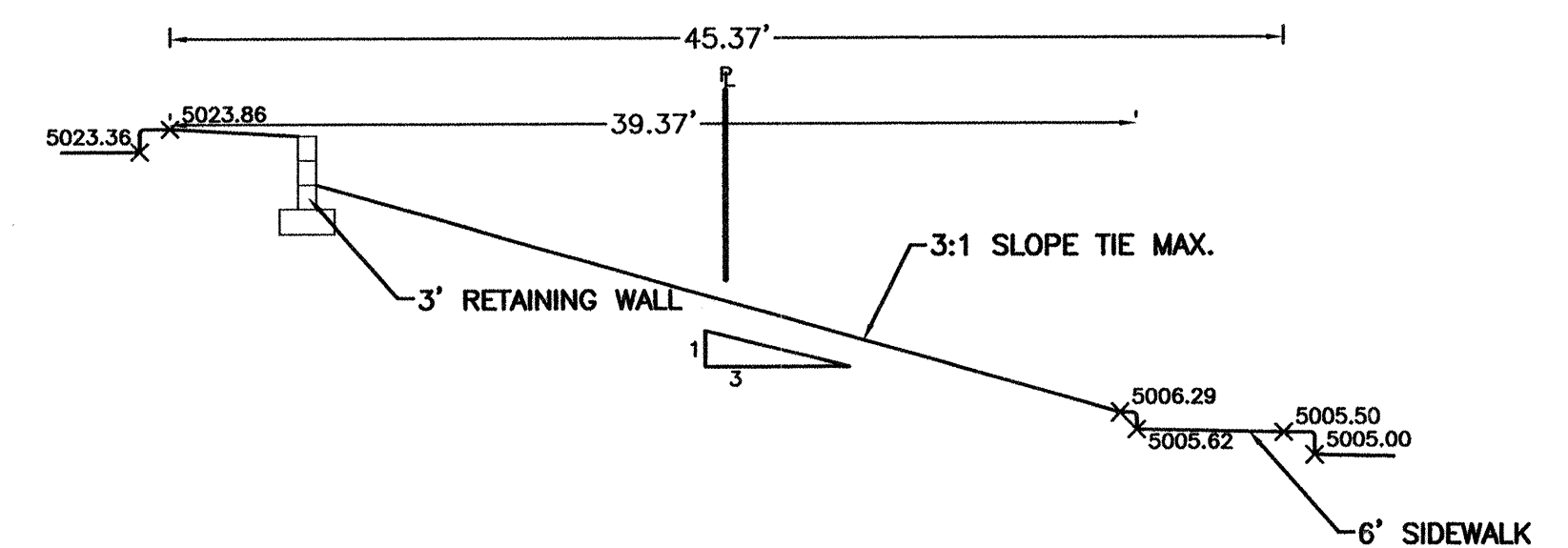
SECTION C-C
NTS



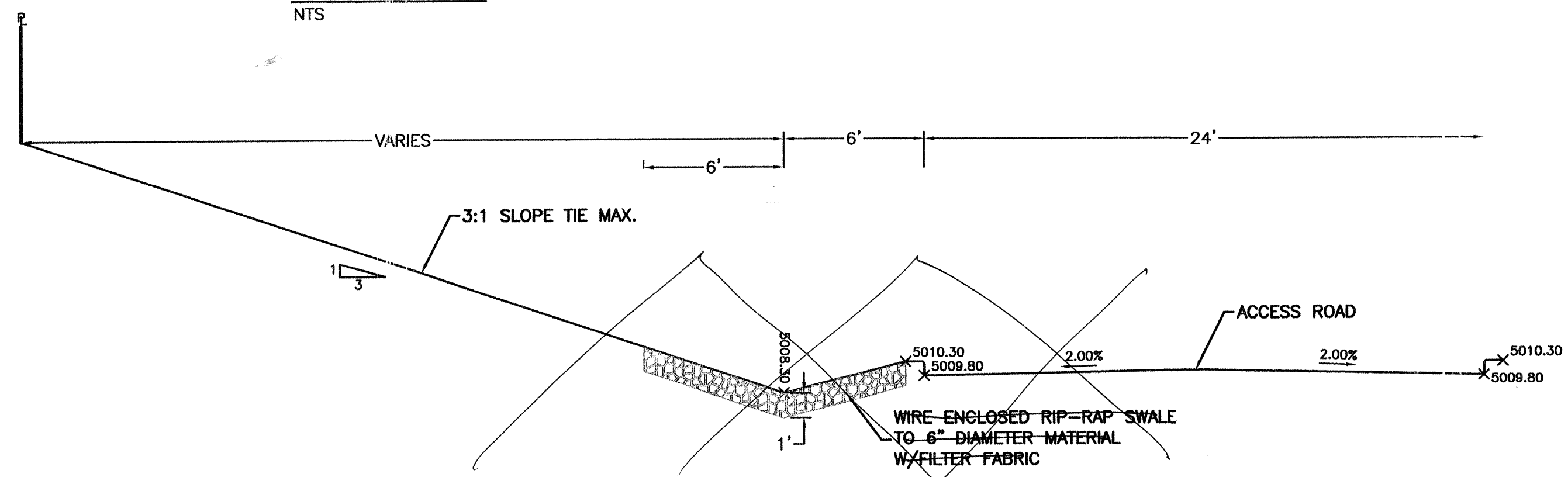
SECTION D-D
NTS



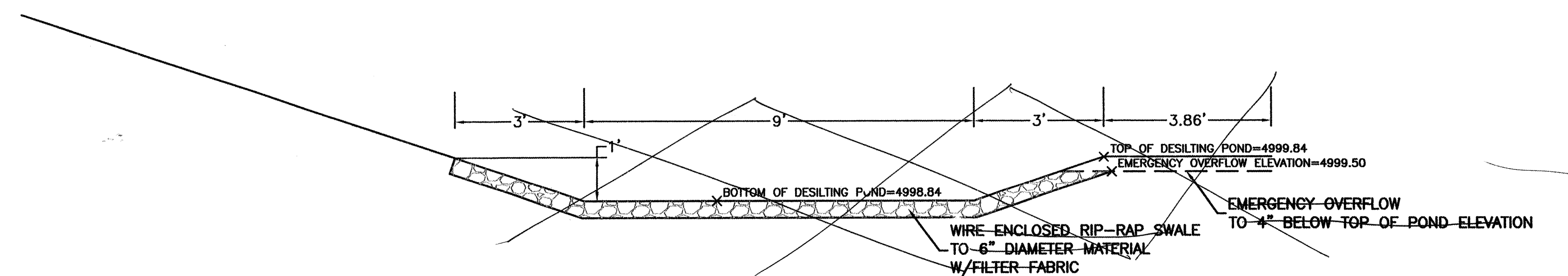
SECTION E-E
NTS



SECTION F-F
NTS

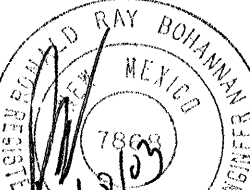


SECTION G-G
NTS

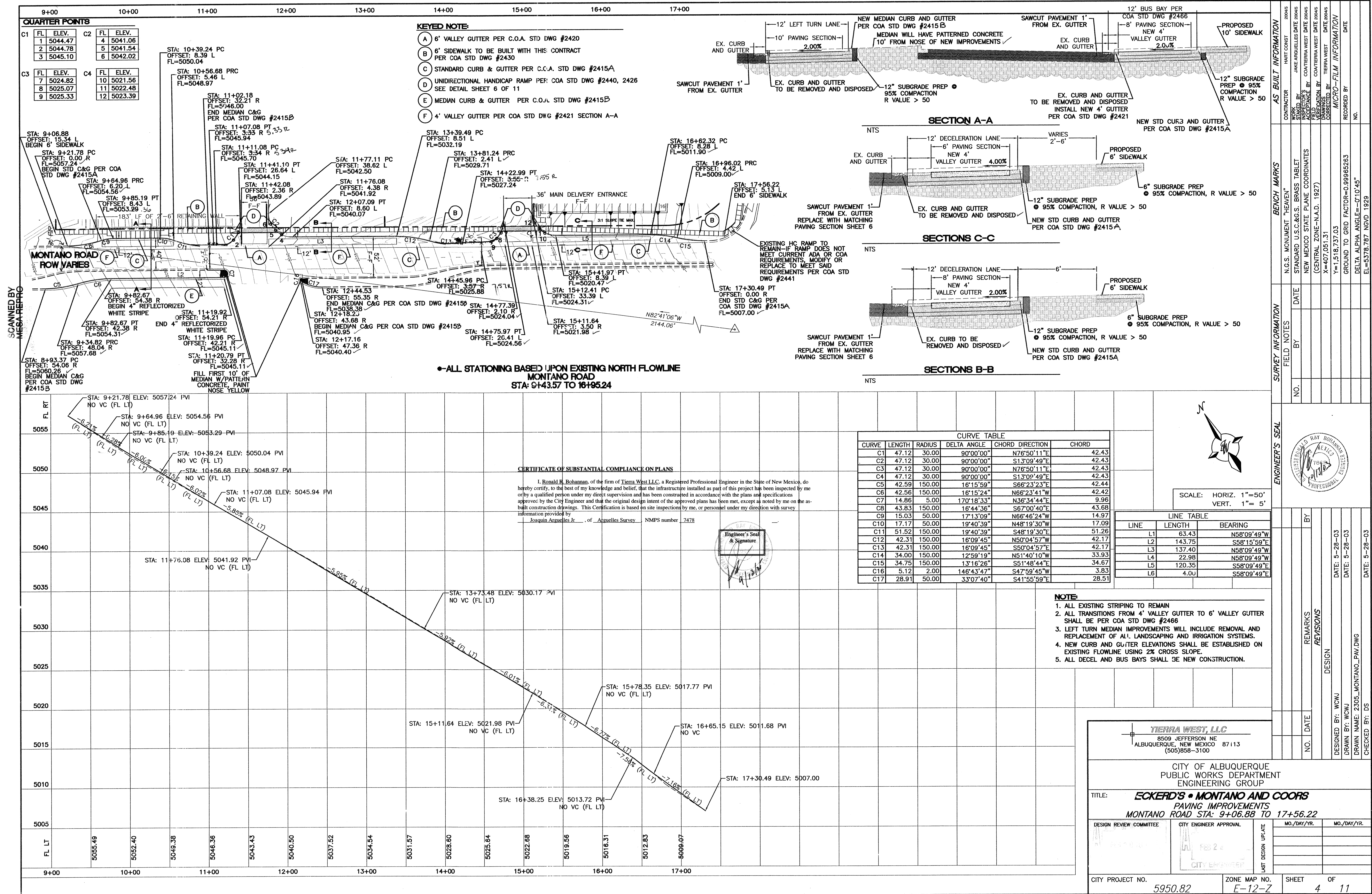


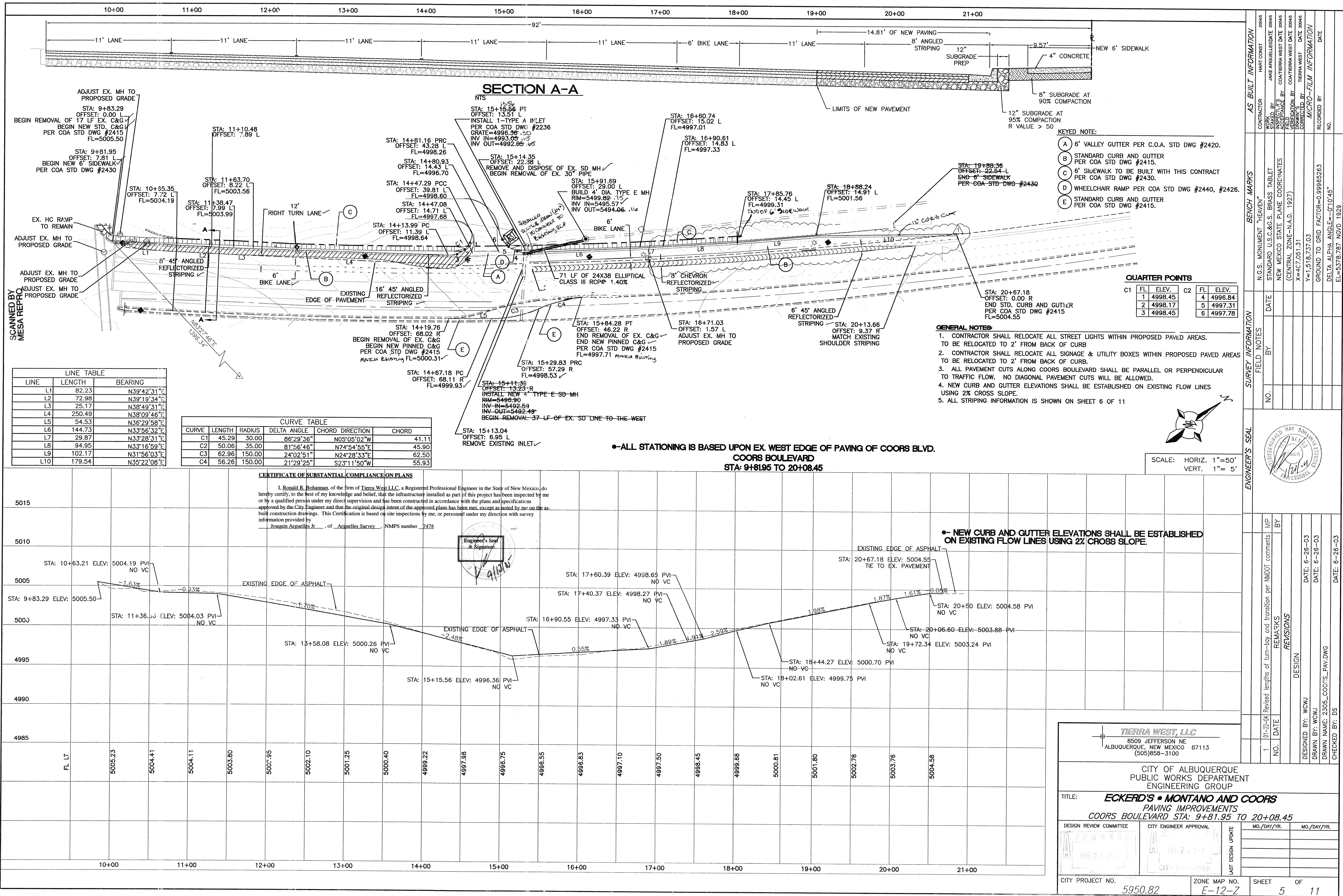
SECTION H-H
NTS

*-FOR REFERENCE ONLY

ENGINEER'S SEAL	ECKERD DRUG PLAZA	BY WCWJ
		DATE 5-27-03
		2305GR3.DWG
RONALD R. BOHANNAN P.E. #7868	 TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	SHEET # 3B OF 11
		JOB # 230005

595082





ALL STATIONING IS BASED UPON EX. WEST EDGE OF PAVING OF COORS BLVD.
COCRS BOULEVARD STRIPING PLAN
STA: 9+81.95 TO 20+08.45



I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by _____.

SCALE: HORIZ. 1"=50'
VERT. 1"= 5'



NOTES:

1. THE SURFACE OF RAMP AND SIDES SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
2. ~~THE RAMP SHALL BE GROOVED IN A TRANSVERSE PATTERN WITH 1/4" GROOVES APPROXIMATELY 1-1/2" O.C. SEE SECTION A-A.~~
3. THE BOTTOM OF THE RAMP SHALL HAVE A 1/4" LIP OF 45°.
4. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 10% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.
5. CONSTRUCT PER A.D.A. STANDARDS.



UNIDIRECTIONAL HC RAMP

SCALE: NTS

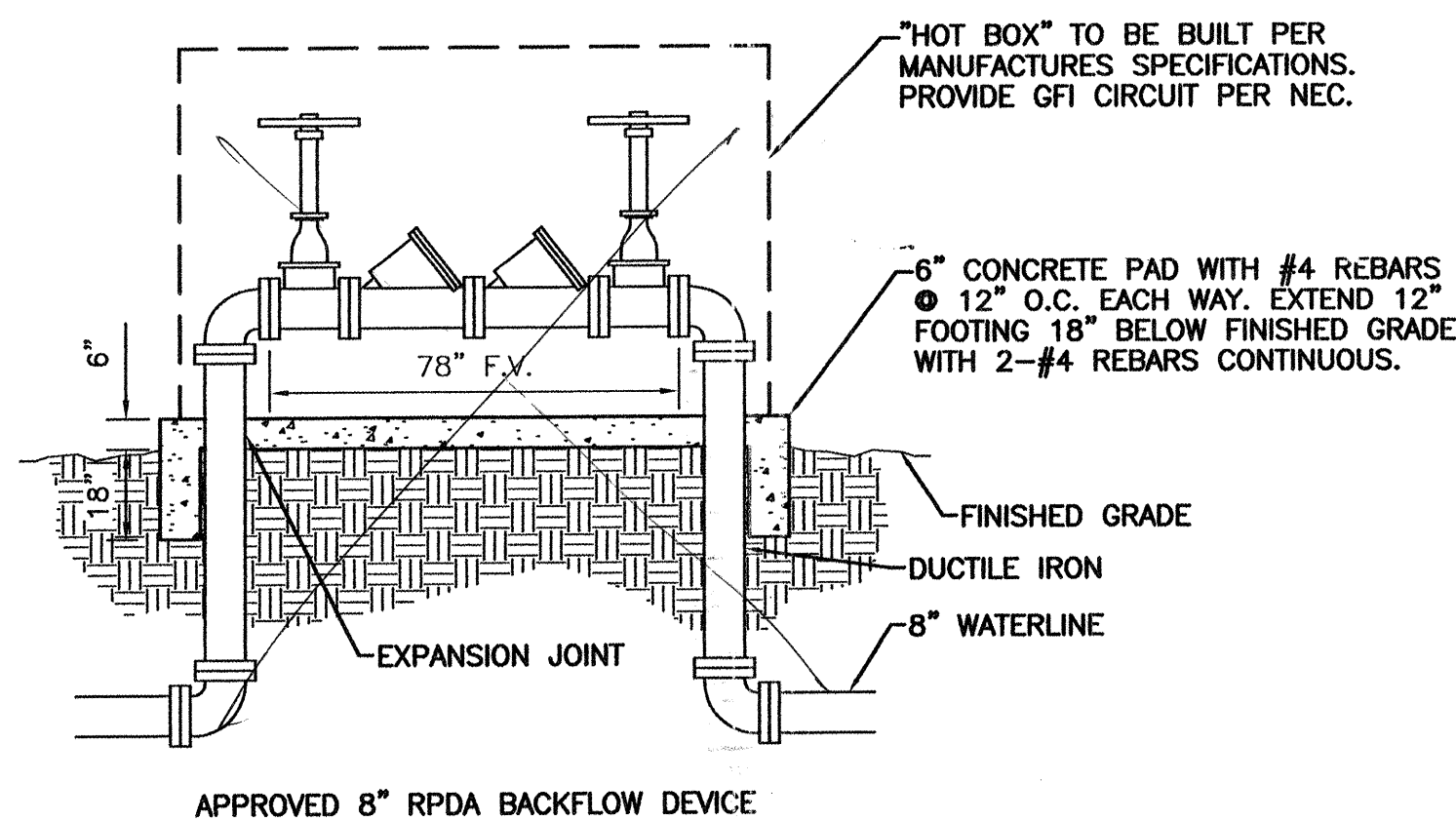
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TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

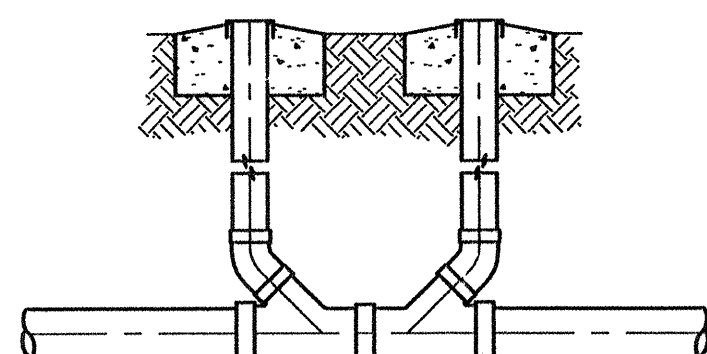
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **ECKERD'S • MONTANO AND COORS**
MASTER STRIPING PLAN/DETAIL SHEET

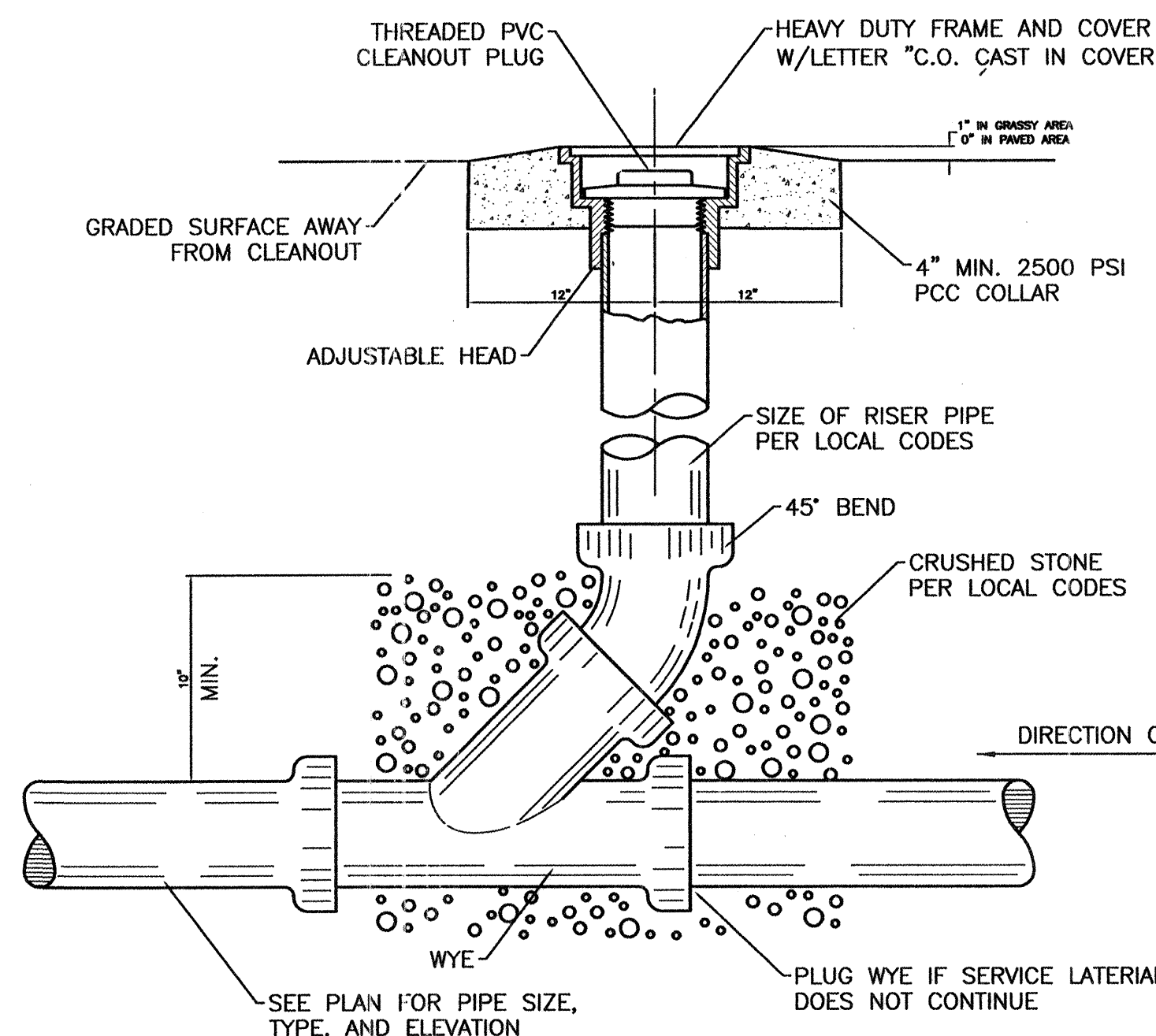
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF	
5950 82	F-12-7	6	11	



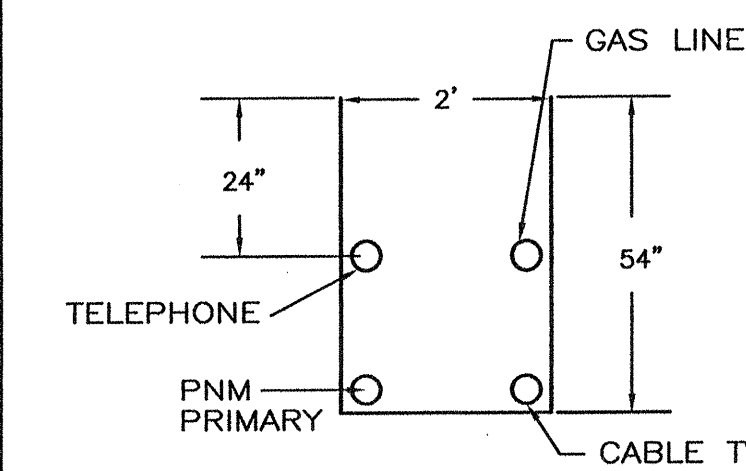
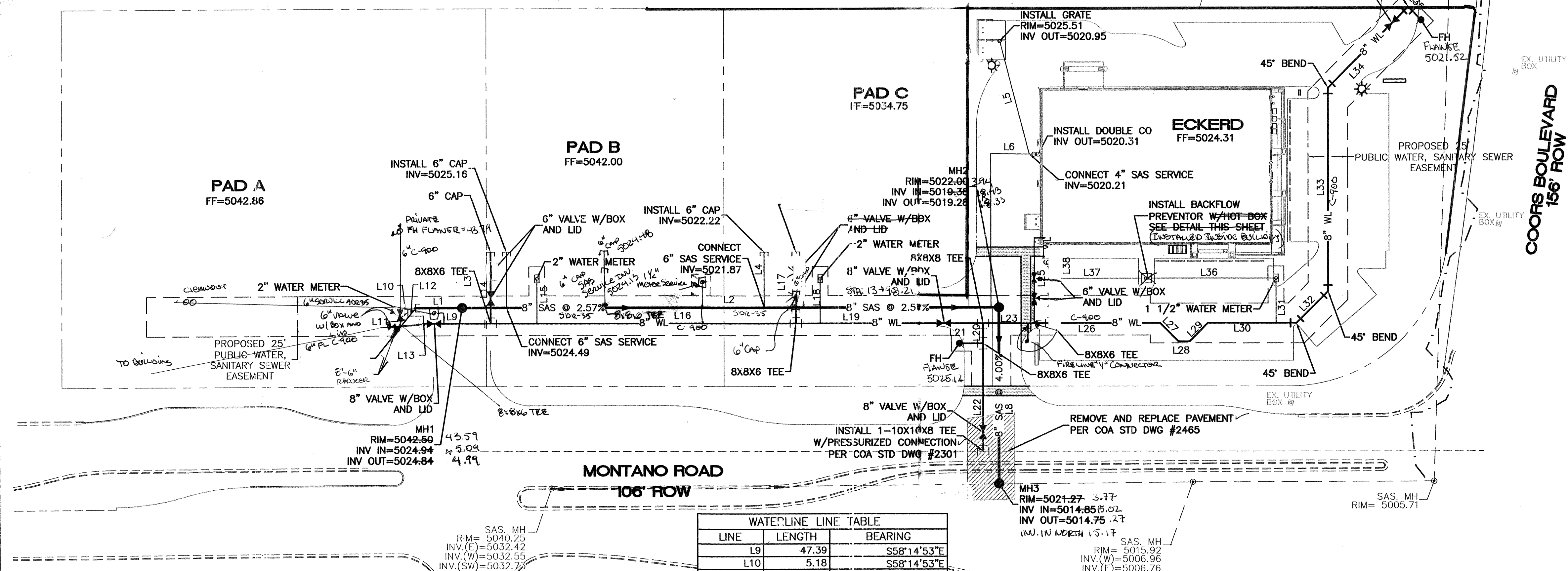
BACKFLOW DEVICE DETAIL
NTS



SANITARY SEWER DOUBLE CLEAN-OUTS
NTS



SANITARY SEWER CLEAN-OUT
NTS



UTILITY TRENCH DETAIL
NTS

GENERAL NOTES:

- ALL 8" SANITARY SEWER PIPE TO BE SDR-35.
- ALL 6" AND 8" WATERLINE PIPE TO BE C-900.
- ALL SANITARY SEWER SERVICE PIPE TO BE 4" PVC.
- ALL WATERLINE SERVICE PIPE TO MATCH DESIGNATED METER SIZE AND BE OF PVC MATERIAL.
- 4' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
- REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATIONS.
- CLEAN OUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
- ALL BLOCKING IS PER CITY OF ALBUQUERQUE STANDARD DWG. 2320.
- ALL PIPE MATERIAL TO BE USED PER UPC.

LINE	LENGTH	BEARING
L9	47.39	S58°14'53"E
L10	5.18	S58°14'53"E
L11	4.30	S31°45'07"W
L12	10.00	S58°14'53"E
L13	5.00	S31°45'07"W
L14	45.00	S31°45'07"W
L15	28.17	S31°45'07"W
L16	192.73	S58°14'53"E
L17	45.00	S31°45'07"W
L18	28.17	S31°45'07"W
L19	118.09	S58°14'53"E
L20	12.57	S31°45'07"W
L21	15.00	S58°14'53"W
L22	67.99	S31°45'07"W
L23	43.02	S58°14'53"E
L25	49.42	S31°45'07"W
L26	68.78	S58°14'53"E
L27	16.24	S13°14'53"E
L28	7.03	S58°14'53"E
L29	16.24	N76°45'07"E
L30	55.83	S58°14'53"E
L31	28.20	S31°45'07"W
L32	28.28	N76°45'07"E
L33	128.02	S31°45'07"E
L34	71.60	N76°45'07"E
L35	11.50	S13°14'53"E
L36	78.60	S58°14'53"E
L37	52.16	S58°14'53"E
L38	21.21	S31°45'07"W

LINE	LENGTH	BEARING
L1	29.44	S58°14'53"E
L2	338.77	S58°14'53"E
L3	35.00	S31°45'07"W
L4	35.00	S31°45'07"W
L5	73.53	S17°07'07"W
L6	29.91	N57°18'34"W
L7	96.79	S31°45'07"W
L8	110.67	S31°45'07"W

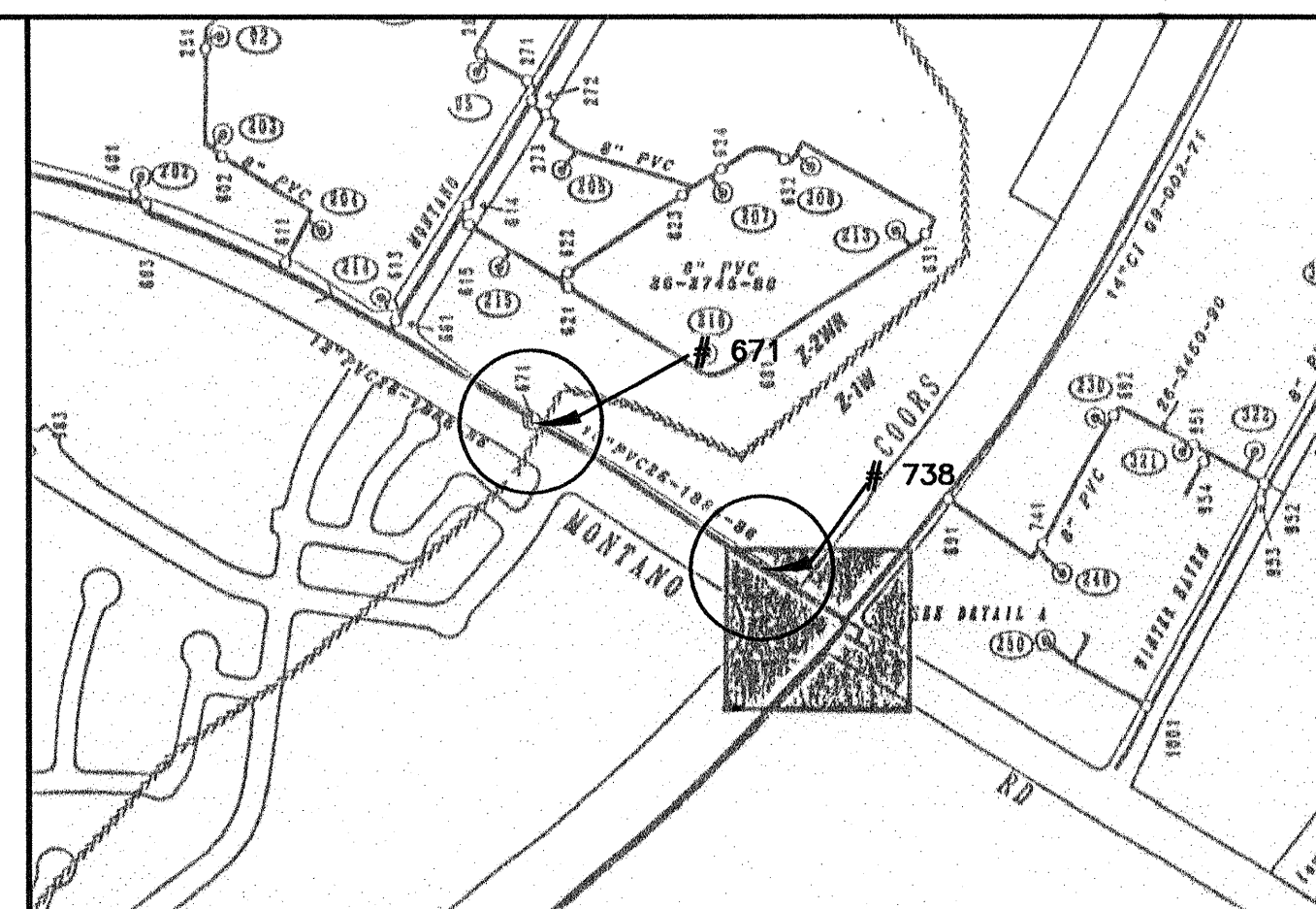
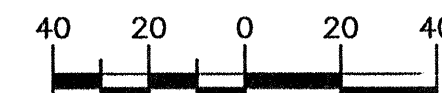
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Arqueles Land Surveying, NMP# number 7472.

Engineer's Seal & Signature

CAUTION:
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

GRAPHIC SCALE



- NOTES:**
- ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
 - NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
 - APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
 - SHUTOFF THE VALVES INDICATED IN THE ABOVE PLAN. TO BE DONE ONLY IN EVENT OF EMERGENCY. CONNECTION TO EX. WL TO BE PRESSURIZED.

NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE UTILITY STUBS 5' FROM BUILDING
- GREASE TRAP SHALL BE SHOWN IN BUILDING PERMIT SET PER UPC. DUMPSTER CONNECTION SHALL BE UPSTREAM OF GREASE TRAP.

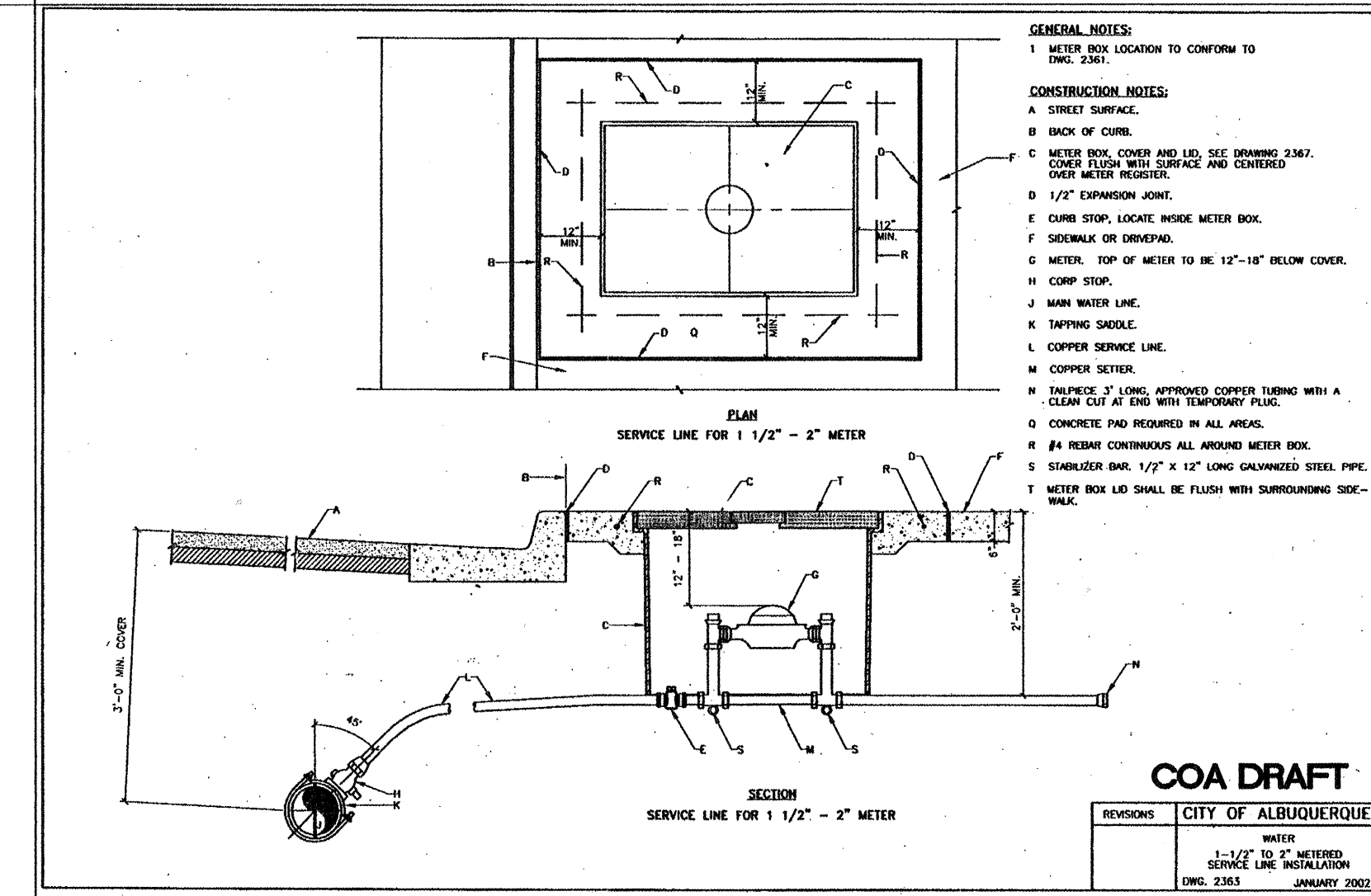
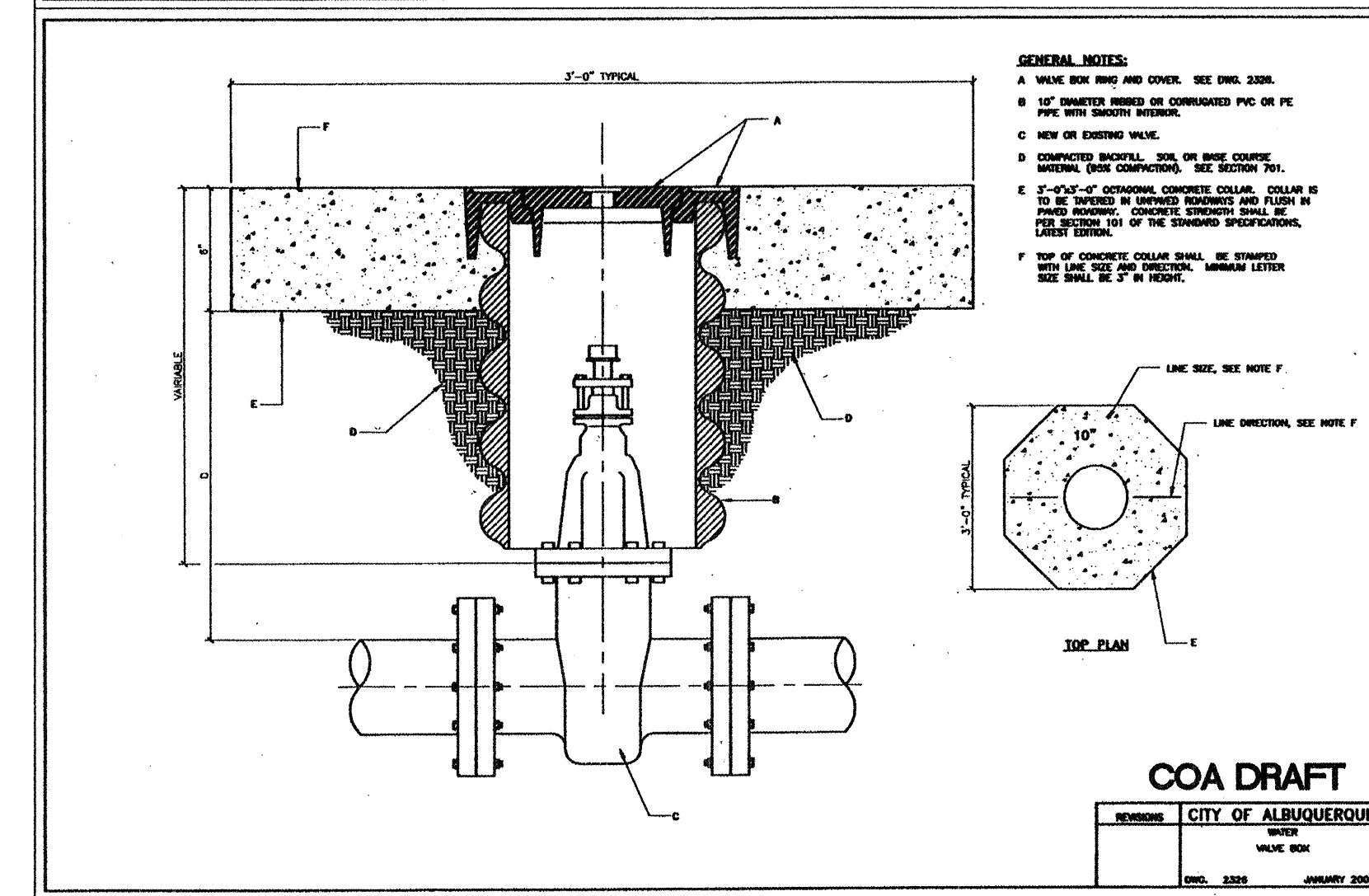
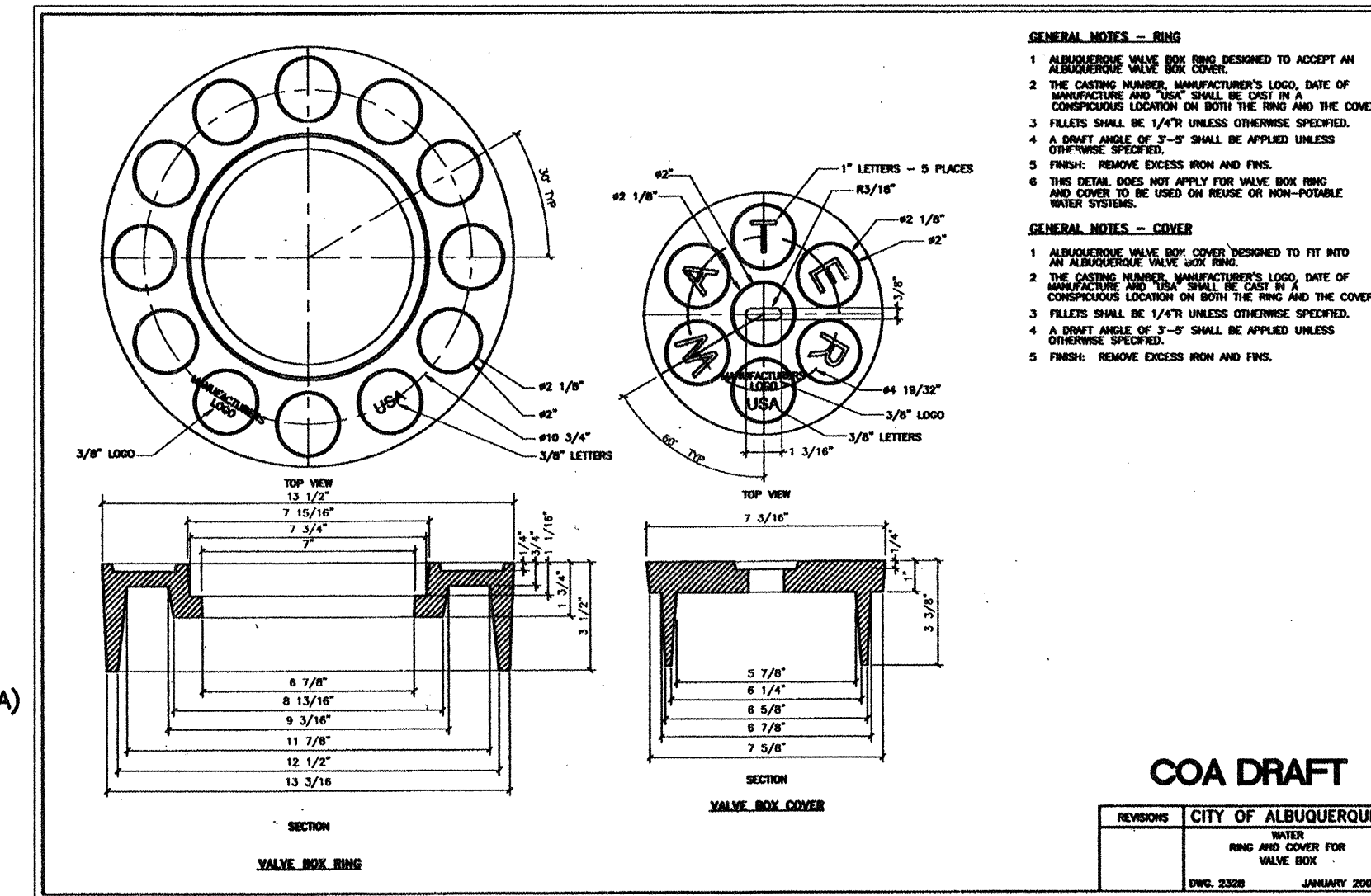
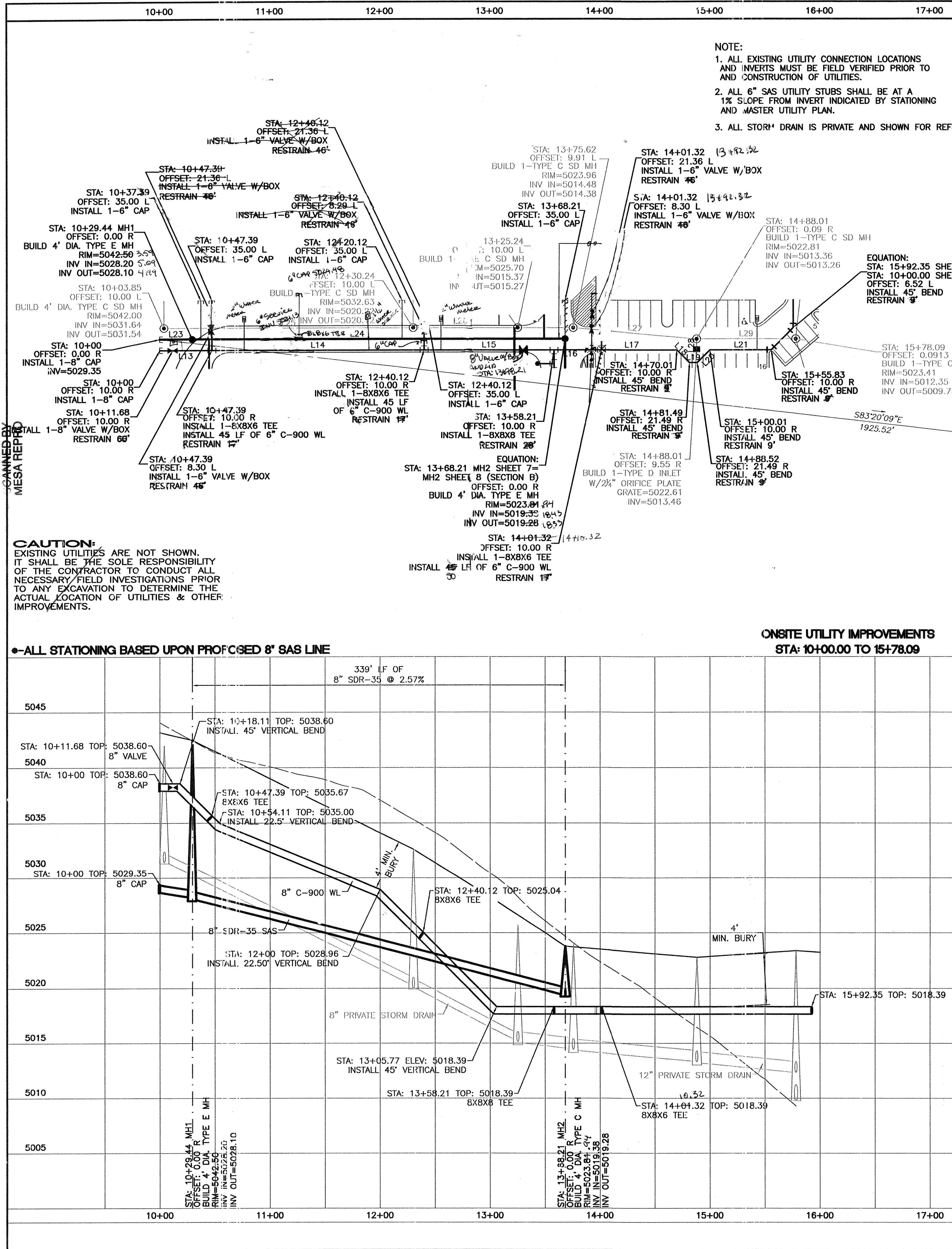
LEGEND

- EXISTING SAS MANHOLE
- EXISTING SANITARY SEWER LINE
- PROPOSED SAS MANHOLE
- PROPOSED SAS CLEANOUT
- DIRECTION OF FLOW
- PROPOSED SANITARY SEWER LINE
- SANITARY SEWER SERVICE LINE
- EXISTING METER
- EXISTING VALVE W/BOX
- EXISTING FIRE HYDRANT
- EXISTING WATER LINE
- PROPOSED METER
- PROPOSED VALVE W/BOX
- PROPOSED FIRE HYDRANT
- PROPOSED WATER SERVICE LINE
- PROPOSED WATER LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB
- BOUNDARY LINE
- EASEMENT
- CENTERLINE
- RIGHT-OF-WAY

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

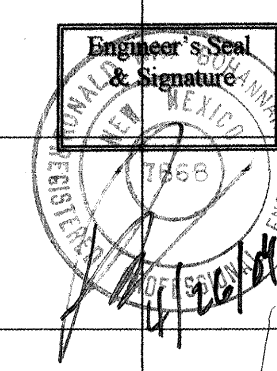
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
ECKERD'S • MONTANO AND COORS
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
DATE 2-2-03	DATE 2-2-03		
CITY PROJECT NO. 5950.82	ZONE MAP NO. E-12-Z	SHEET 7	OF 11

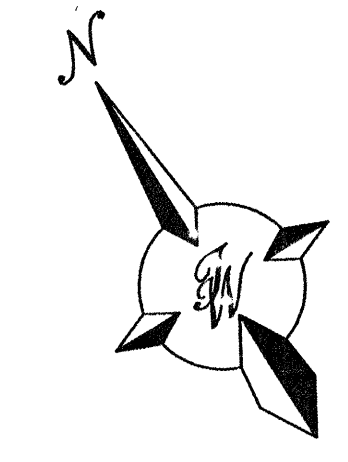


CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Terra West, LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Arguelles Land Surveying, N.M.P.S. number 7472.



LINE TABLE		
LINE	LENGTH	BEARING
L13	47.39	S58°15'24"E
L14	192.73	S58°15'24"E
L15	118.09	S58°15'24"E
L16	30.00	S58°15'24"E
L17	81.80	S58°15'24"E
L18	16.24	S13°15'24"E
L19	7.03	S58°15'24"E
L20	16.24	N76°44'36"E
L21	55.83	S58°15'24"E
L22	28.28	N76°44'36"E
L23	29.44	S58°15'24"E
L24	338.77	S58°15'24"E
L25	226.39	S58°15'24"E
L26	145.38	S58°15'24"E
L27	112.83	S53°10'20"E
L28	9.46	S31°44'36"W
L29	90.08	S58°15'24"E



SCALE: HORIZ. 1"=50'
VERT. 1"= 5'

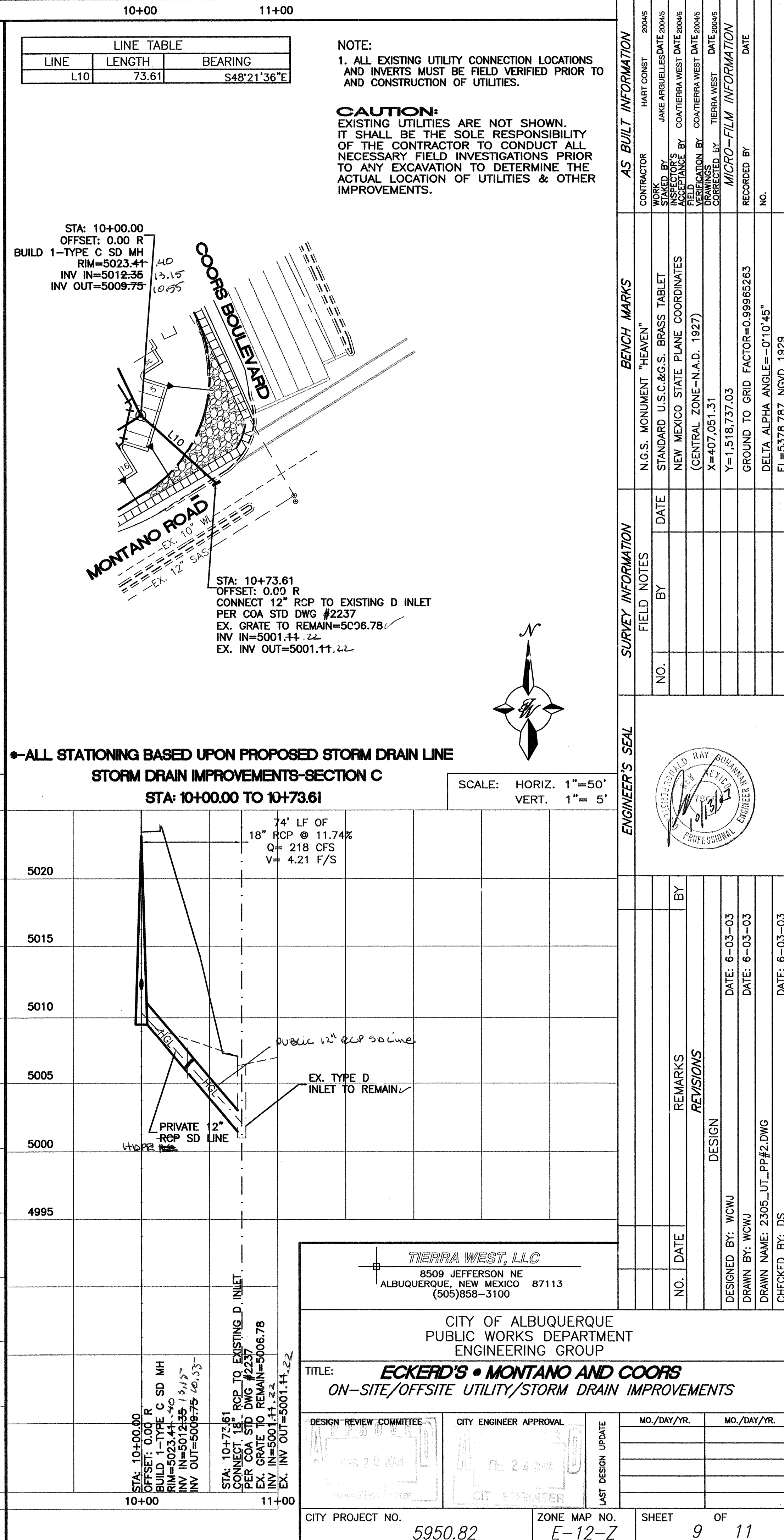
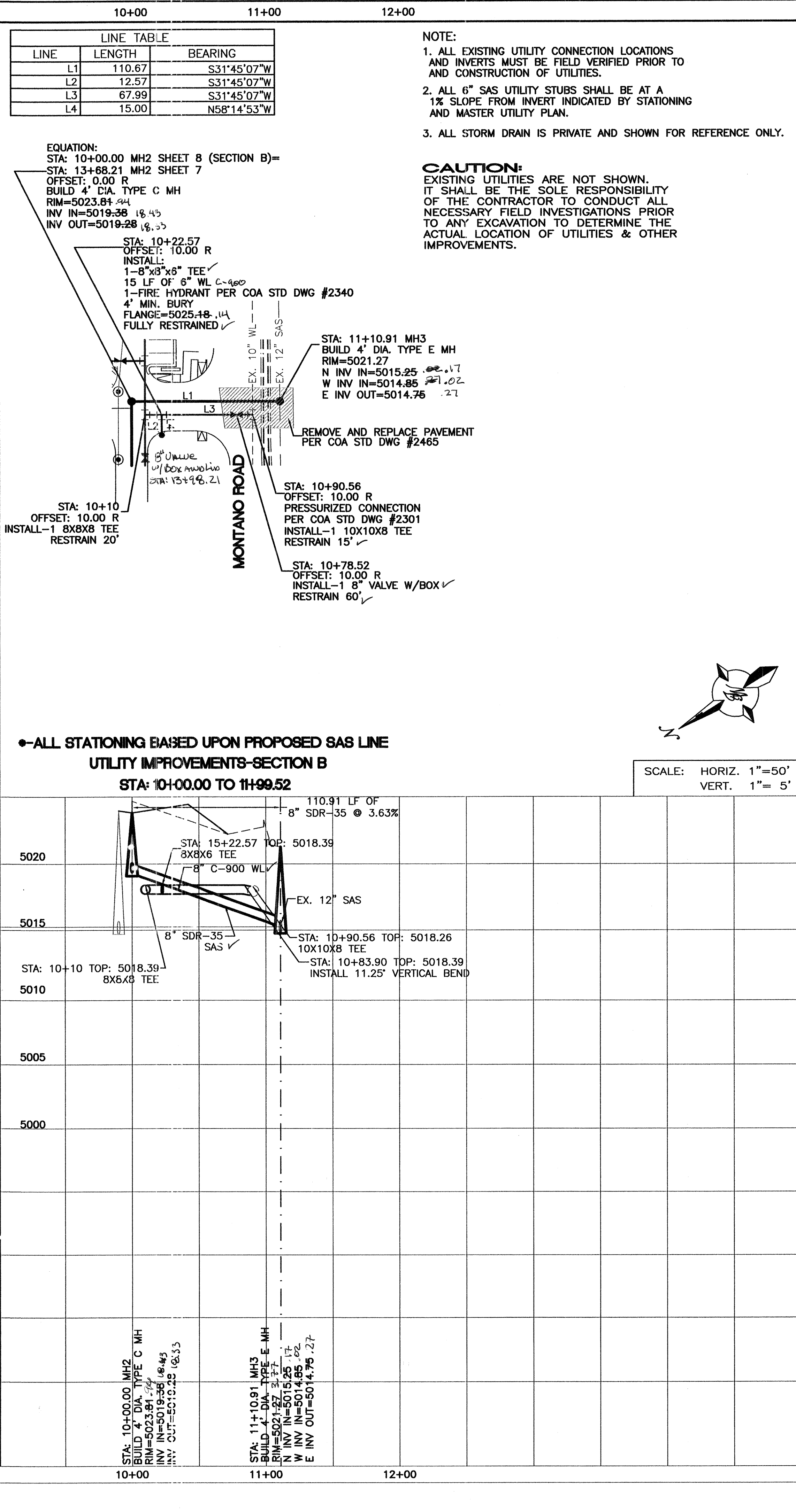
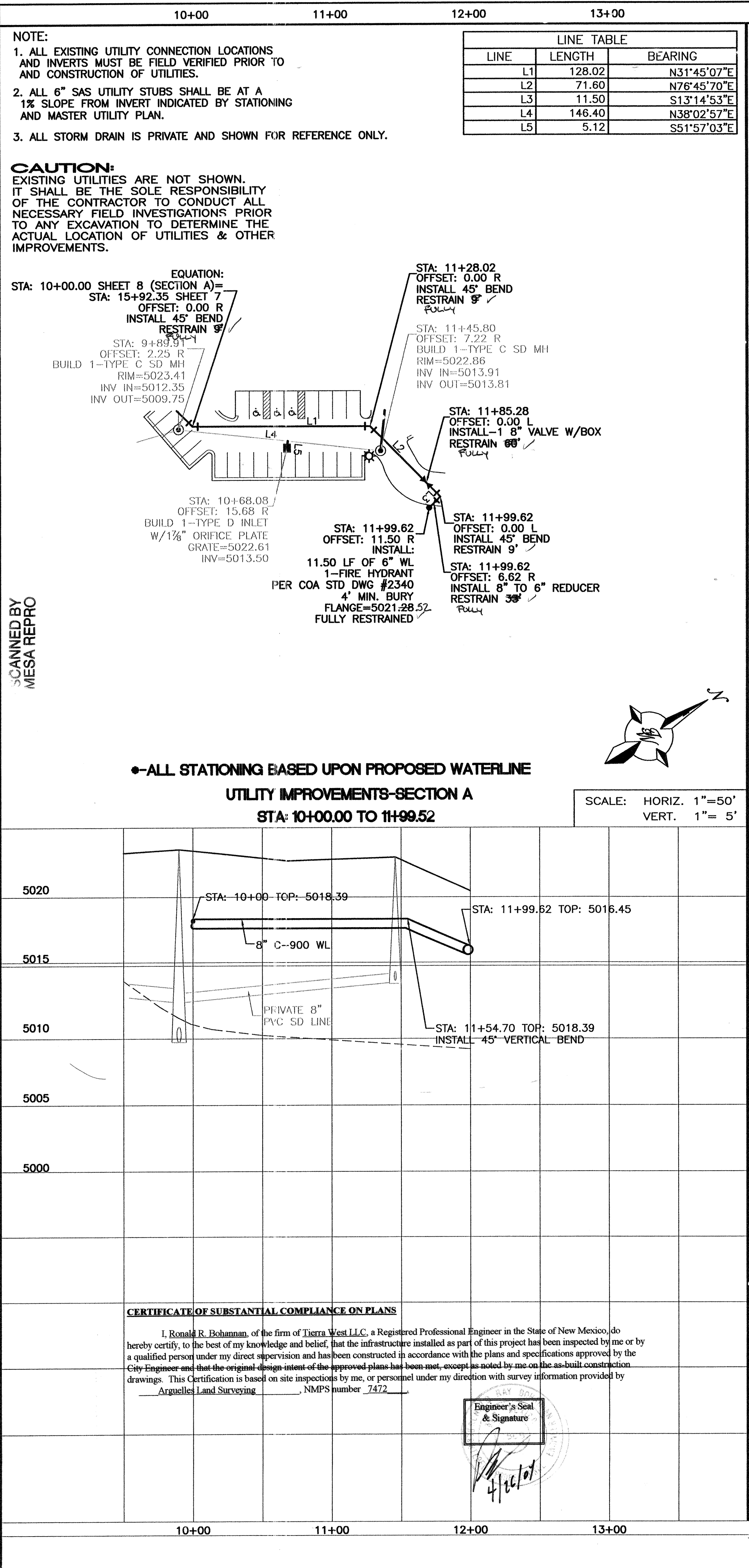
TERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **ECKERD'S • MONTANO AND COORS
ON-SITE UTILITY IMPROVEMENTS
STA: 10+00.00 TO 15+78.09**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
FEB 20 2004	FEB 2 2004		

CITY PROJECT NO. 5950.82 ZONE MAP NO. E-12-Z SHEET 8 OF 11



AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE	2004/5	N.G.S. MONUMENT	"HEAVEN"	DATE	NO.	BY	DATE	ENGINEER'S SEAL	DATE	BY
WORKED BY	DATE	2004/5	STANDARD U.S.C.&G.S. BRASS TABLE								
INSPECTED BY	DATE	2004/5	NEW MEXICO STATE PLANE COORDINATES								
ACCEPTANCE BY	DATE	2004/5	(CENTRAL ZONE-N.A.D. 1927)								
VERIFICATION BY	DATE	2004/5	X=407,051.31								
DRAWINGS BY	DATE	2004/5	Y=1,518,737.03								
CORRECTIONS BY	DATE	2004/5	GROUND TO GRID FACTOR=0.99965263								
RECORDED BY	DATE		DELTA ALPHA ANGLE=-0°10'45"								
NO.			EL=5378.787 NGVD 1929								

DESIGNED BY: WCWJ
DATE: 6-03-03

DRAWN BY: WCWJ
DATE: 6-03-03

CHECKED BY: DS
DATE: 6-03-03

TERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **ECKERD'S • MONTANO AND COORS**
ON-SITE/OFFSITE UTILITY/STORM DRAIN IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 5950.82

ZONE MAP NO. E-12-Z

SHEET 9 OF 11

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

- CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.
- CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.
- THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
- CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
- CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
- ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
- ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
- ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
- ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24-HOUR PER DAY BASIS UNTIL COMPLETED.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.
- EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.
- CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.
- ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
- 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.
- ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

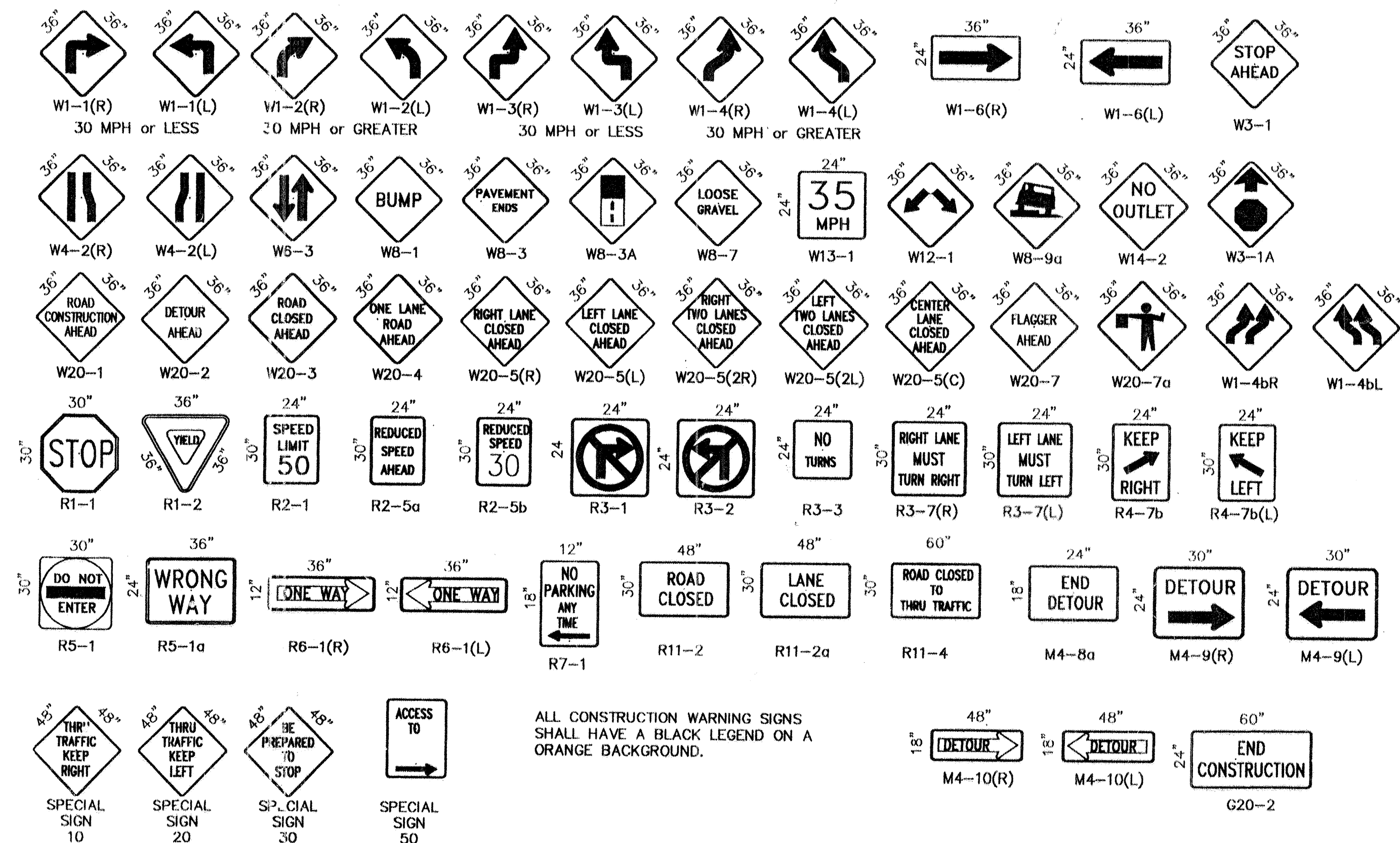
- EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.
- CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
 - STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 - THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 - SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.
- FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.
- ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.
- TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

- ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D. 
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY. 

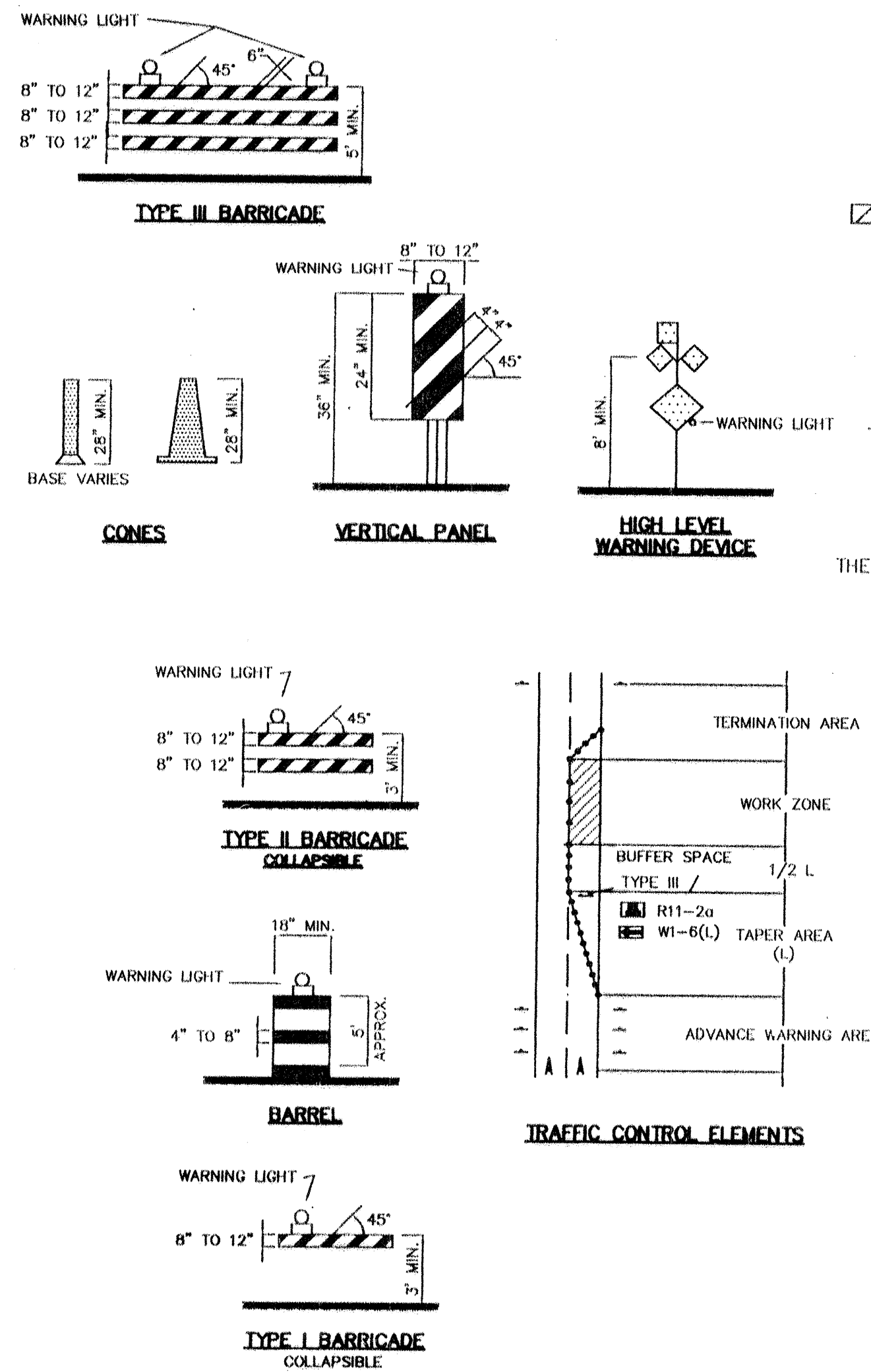
Special Project Control Notes

- Road usage fees of \$0.01 per square foot of barricaded area per day will be assessed for lane closures in either Coors Blvd. or Montano Road.
- Contractor shall perform as much work as possible behind the existing curb and gutter, or outside of the existing roadway, prior to effecting traffic on either Coors Blvd. or Montano Road.
- Only single lane closures on Montano Road and / or Coors Blvd. will be allowed for construction of this project. No traffic splits will be allowed.
- Lane closures on Coors Blvd. or Montano Road will not be allowed from 6:00 am to 9:00 am, or from 4:00 pm to 7:00 pm, Monday through Fridays.

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.



LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
- TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMITS PER HOUR	MINIMUM DISTANCE BETWEEN SIGNS	MINIMUM DISTANCE FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSIDE TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$
L = TAPER LENGTH W = WIDTH OF OFFSET IN FEET S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS**

DESIGN REVIEW COMMITTEE: CITY ENGINEER APPROVAL

COASTD

PROJECT NO. MAP NO. SHEET 10 OF 11

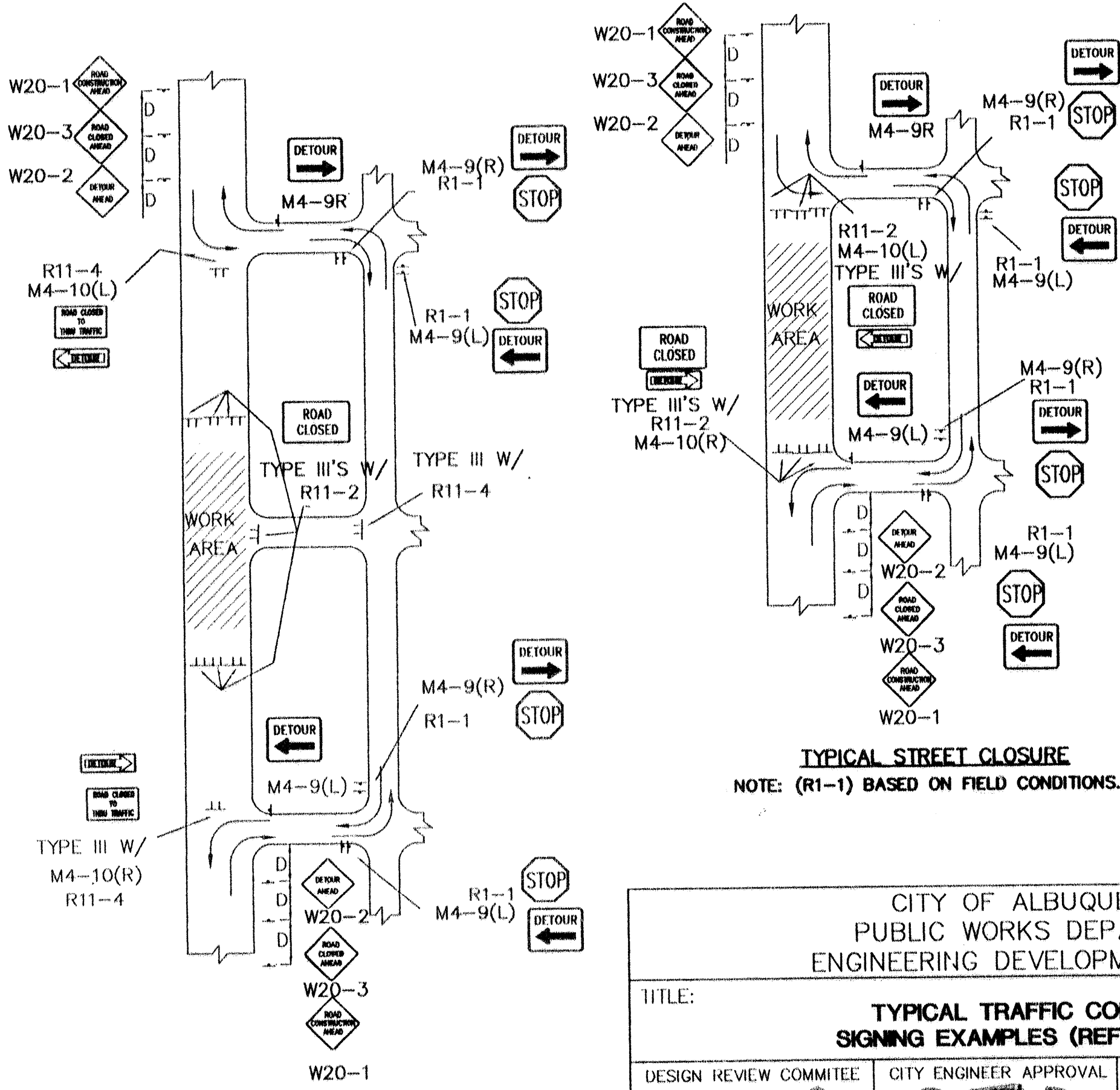
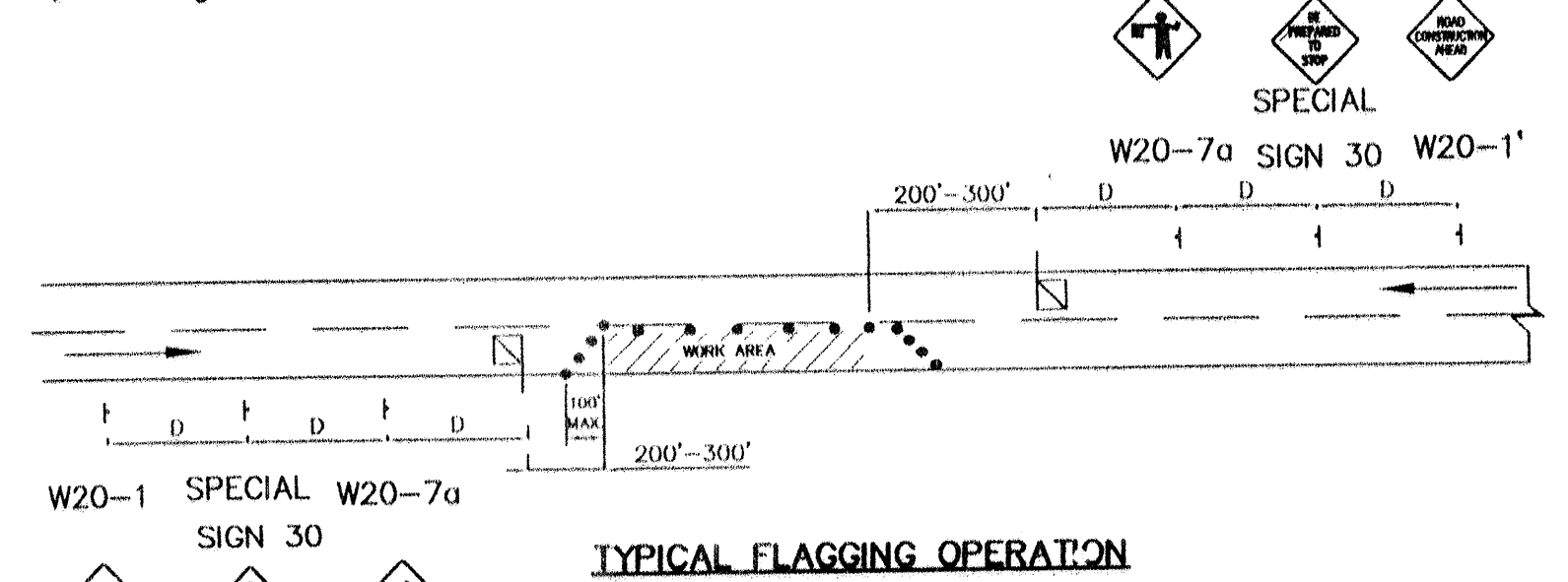
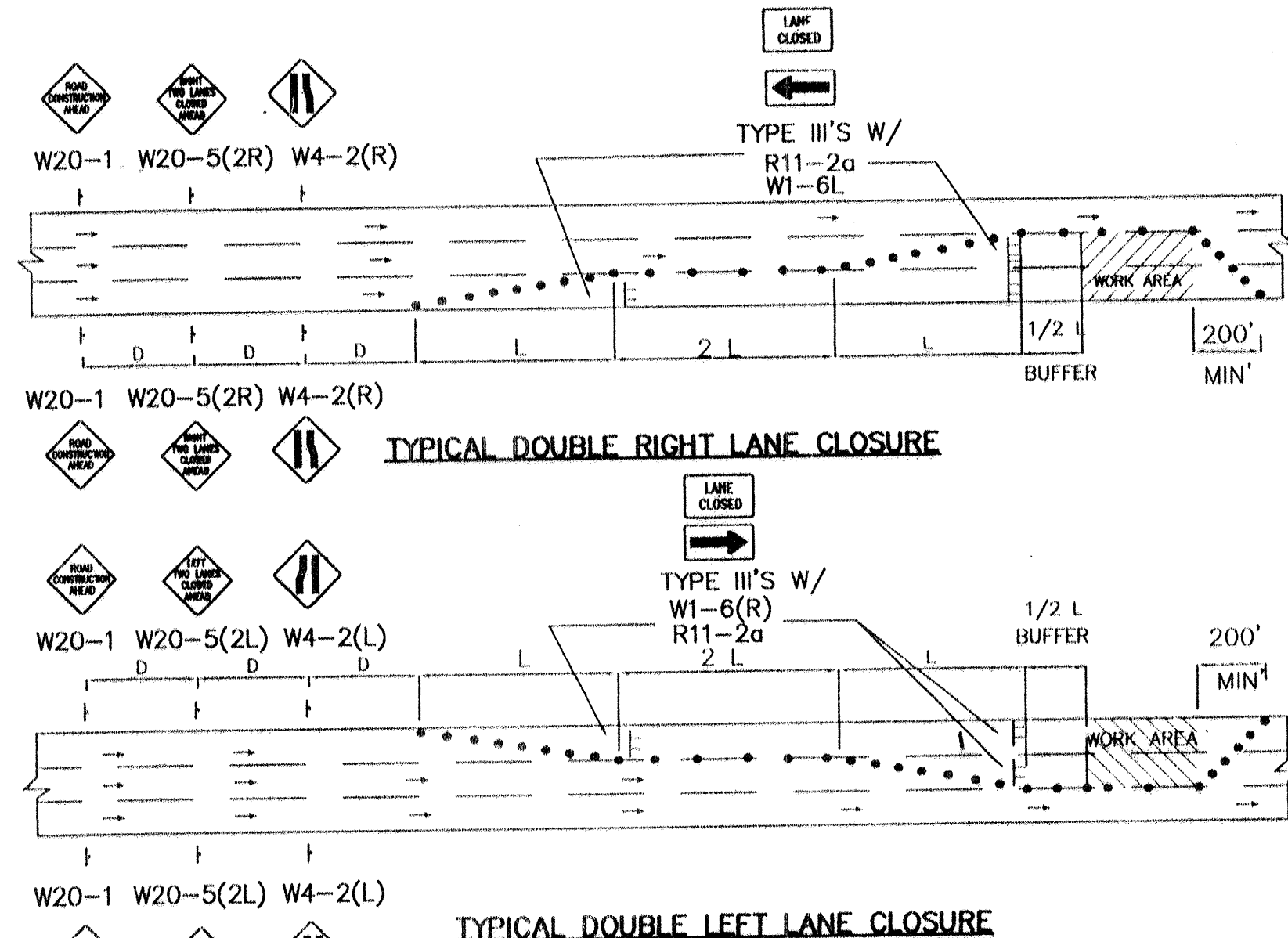
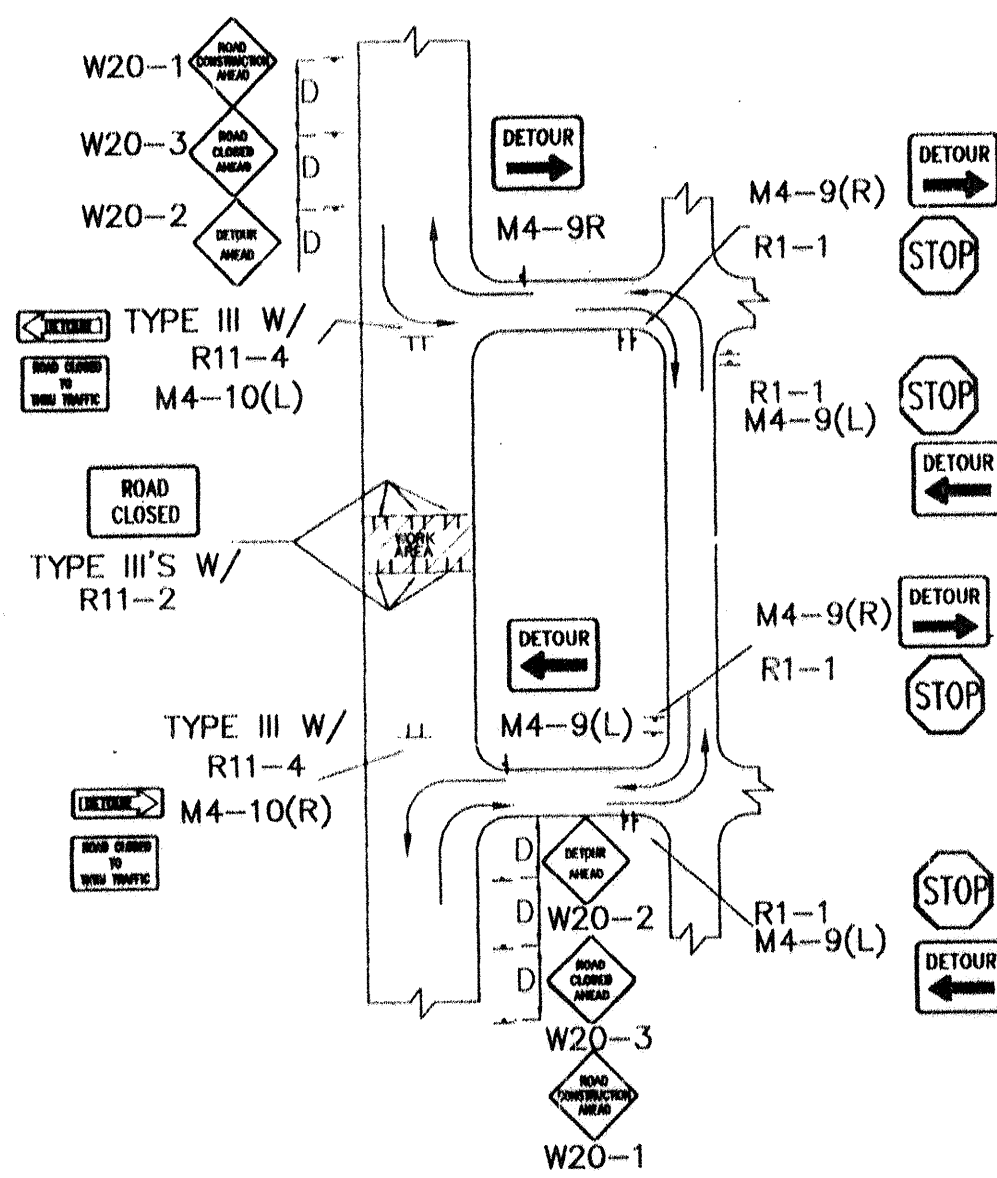
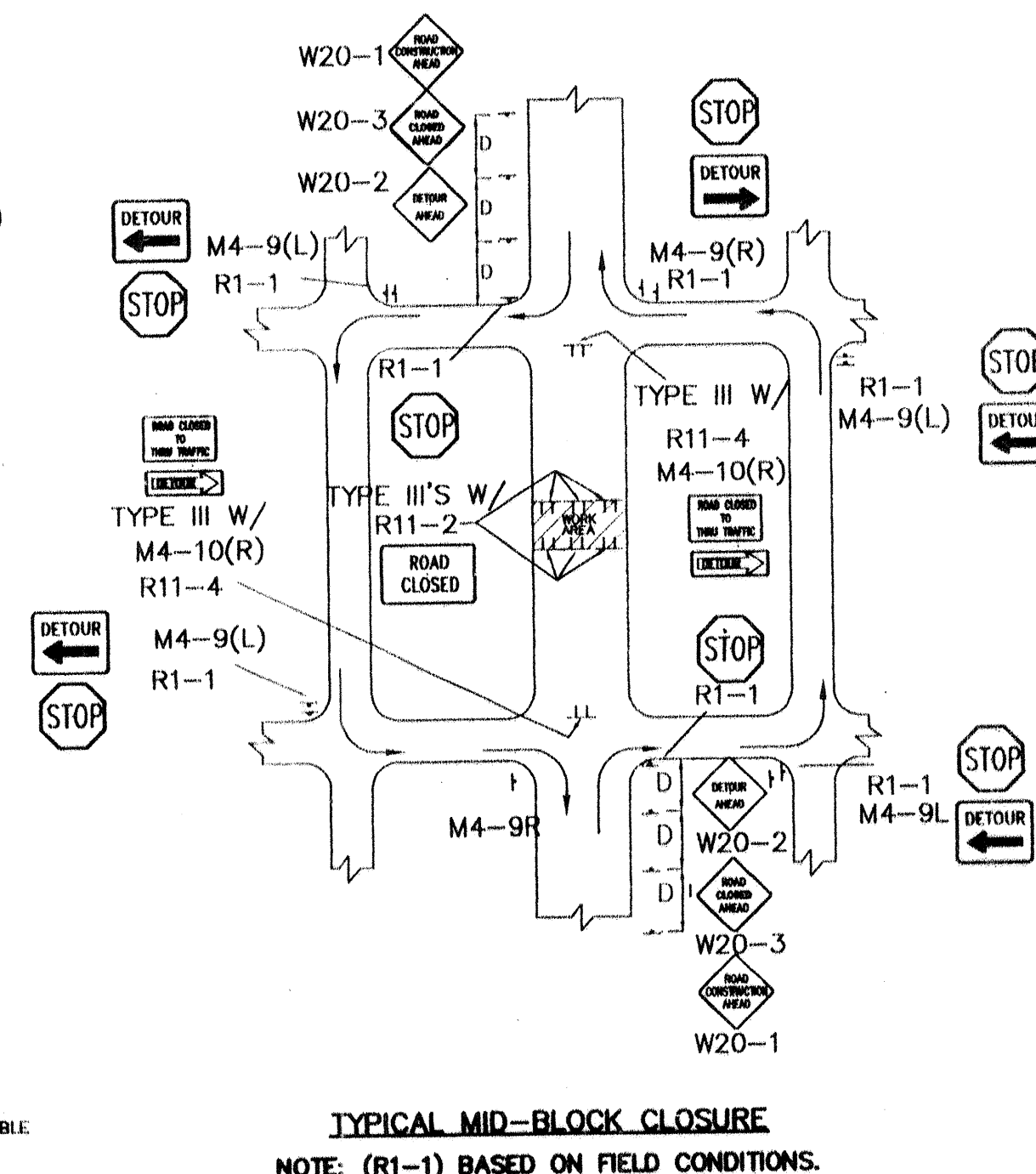
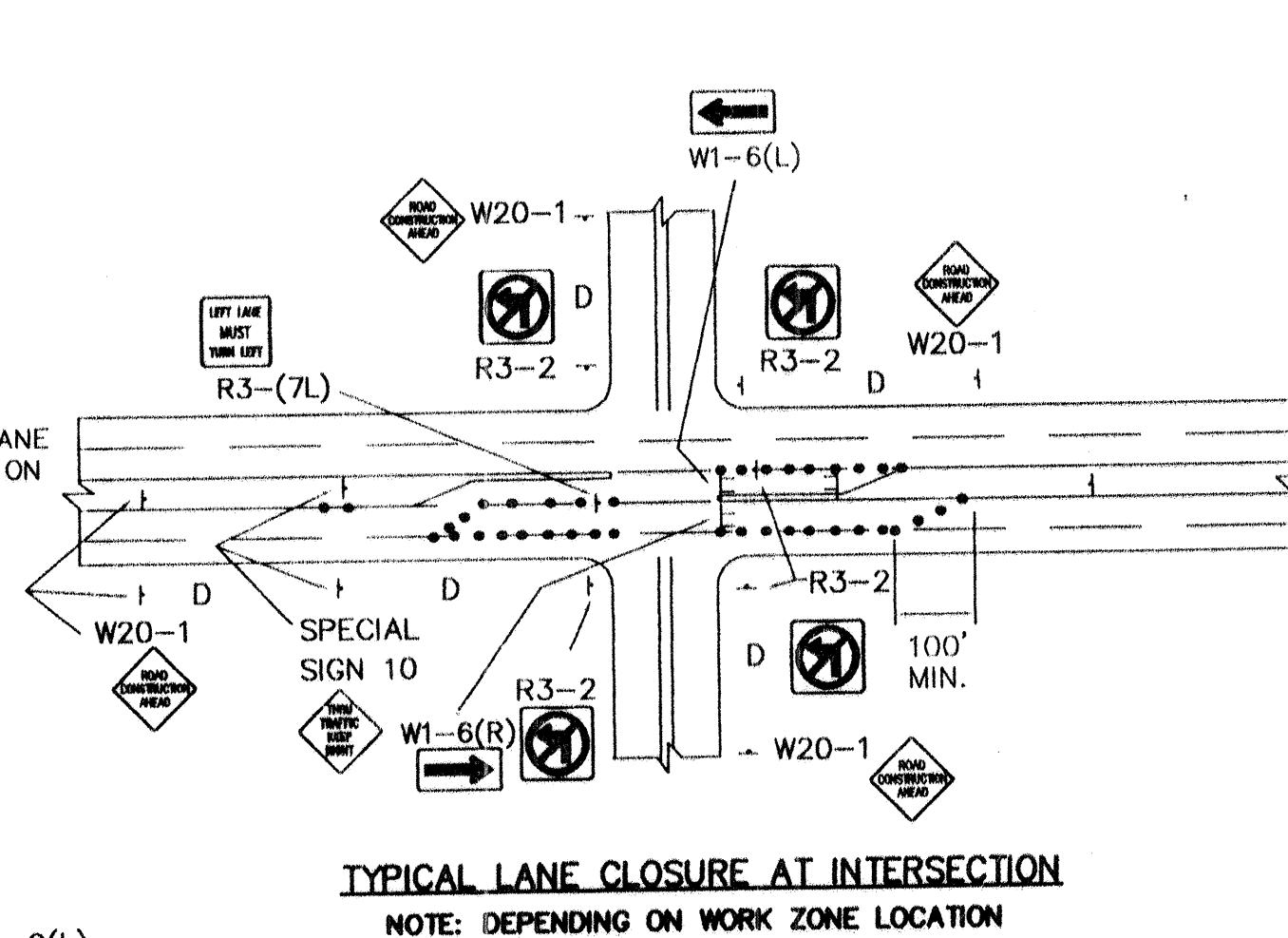
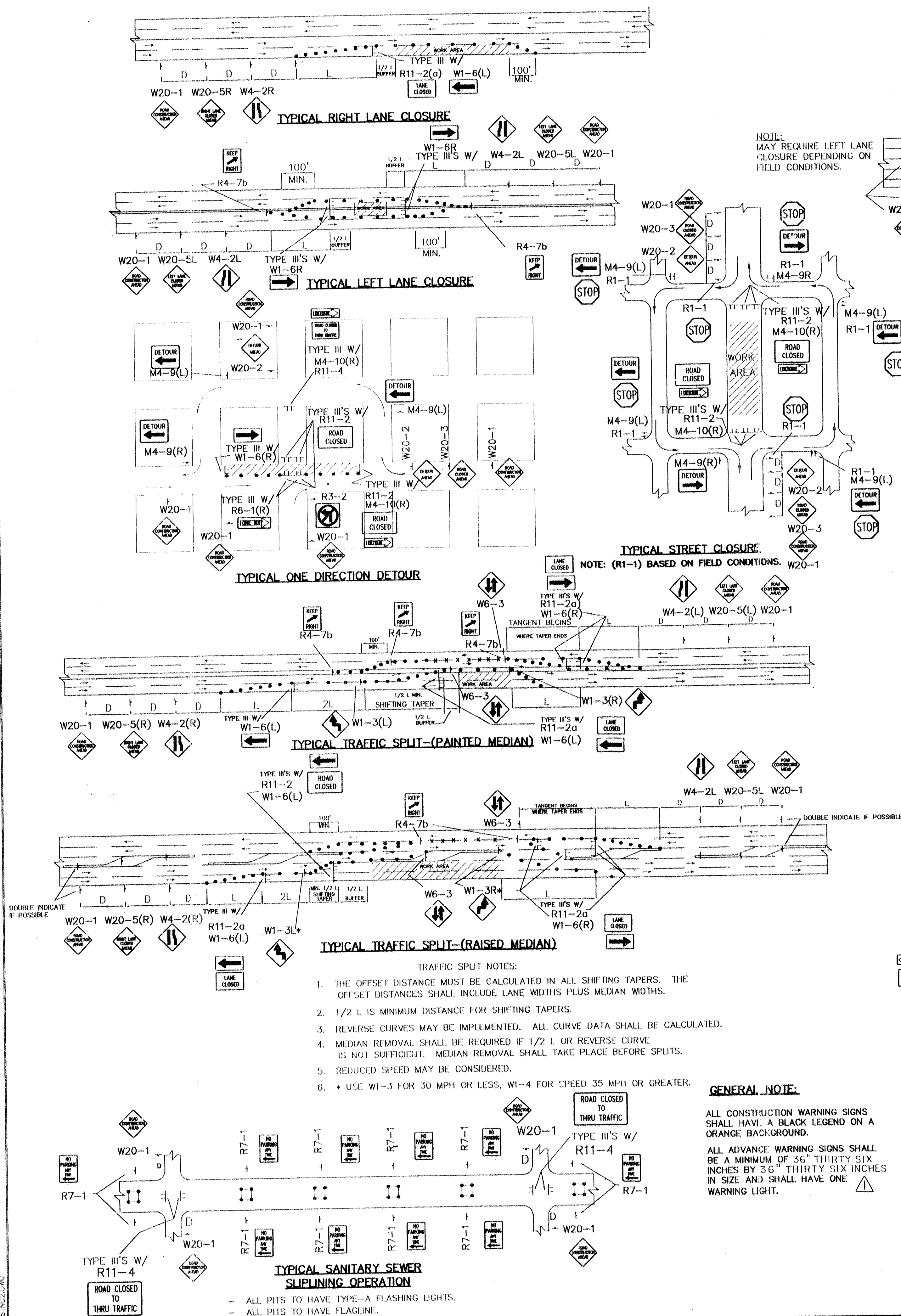
DESIGNED BY: DATE
DRAWN BY: C.O.A. STANDARDS
CHECKED BY: DATE

REVISIONS: NO. DATE BY

ADD NOTE NO. 27
REVISED NOTE NO. 26
REVISED NOTE NO. 19
REVISED NOTE NO. 11

REMARKS: DESIGN

LAST UPDATE: MO. DAY/YR. MO. DAY/YR.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST UPDATE	MO./DAY/YR.
COA	STD		
PROJECT NO.	MAP NO.	SHEET	OF
		11	11

[illegible]

[illegible]

1. ONLY ONE SETUP FOR LANE CLOSURES WILL BE ALLOWED AT ONE TIME.
2. RIGHT LANE CLOSURES AND WORK SHALL TAKE PLACE FIRST.
3. LEFT LANE CLOSURES AND WORK SHALL TAKE PLACE SECOND.
4. WORK HOURS SHALL BE 9:00 AM TO 3:00 PM OR 6:00 PM TO 5:00 AM ONLY.

TIERRA WEST, LLC
8509 JEFFERSON NE
ALBUQUERQUE, NEW MEXICO 87113
(505)858-3100

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **ECKERD'S • MONTANO AND COORS**
COORS BARRICADING PLAN

DESIGN REVIEW COMMITTEE 	CITY ENGINEER APPROVAL 	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5950.82	E-12-Z	11A	11

SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION	
FIELD NOTES				
NO.	DATE		CONTRACTOR	
			WORK STARTED BY	
			INSPECTOR'S DATE	
			FIELD CHANGE BY	
			FIELD	
			VERIFICATION BY	
			DATE	
			CHANGES CORRECTED BY	
			DATE	
			MICRO-FILM INFORMATION	
			RECORDED BY	
			DATE	
			NO.	

ENGINEER'S SEAL

[illegible]